

1075	HHEQN62	875545	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 542 of SEQ ID NO:1075, b is an integer of 15 to 556, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1075, and where b is greater</p>	AA630259, AA659265, AA642163, AI720552, AA886596, AI832340, AW385222, AA193142, AI217021, AA197080, AA879049, AI124928, AA522984, AW361141, AI253310, AA148381, AA093612, AA092811, AA094304, AW275829, AI924211, AI366559, AW176708, AA92126, AW389679, AW401887, AA248521, AW238554, AW270021, AA575977, AA530955, AA469406, AA578589, AI720986, AW351917, AI000746, AA459176, AA886490, AL038077, AI459425, AA887028, AA887030, AW377099, AW188463, AA172233, AA095860, AA550932, AI525065, AI253331, AA643797, AA526350, AI434498, AL037048, AI635477, AA630251, AI557565, AI683207, AA737110, AA291026, AA610388, AW004905, AA095848, AA485848, AW044030, AI750150, AI557197, AA618334, AA091047, AA715869, AI204214, AA244429, AA093878, AW419429, AA089795, AA285306, C14174, AA468098, AA112030, AW361105, AI557150, AI720912, AA098789, AA493969, AI628930, AA679857, AI912529, X62996, X93334, V00662, J01415, D38112, AF134583, D38116, D38114, X93347, S55589, Y17171, Y17179, AJ238413, AL021068, I25652 AA307385, H38113, AI383794, AF059531, AF059530
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1076	HCQAF61	875546	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 406 of SEQ ID NO:1076, b is an integer of 15 to 420, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1076, and where b is greater than or equal to $a + 14$.</p>	AA148723, AA148592, U73633
1077	HCQCX63	875547	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 722 of SEQ ID NO:1077, b is an integer of 15 to 736, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1077, and where b is greater than or equal to $a + 14$.</p>	AA496222, N52937, AI913219, AA984383, AA725524, AI800841
1078	HOVET54	875548	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 885 of SEQ ID NO:1078, b is an integer of 15 to 899, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1078, and where b is greater</p>	AI333686, AA781729, AA770054, N66727, AI535727, R49091, T68994, AA011536, T61907, Z40664, R70984, F03267, AA725067, R71002, AI557450, AI536045, AW392670, AL119457, AL119324, U46347, AL043003, AW384394, AL119484, AL119443, AW363220, AL119439, U46350, U46351, Z99396, AL134531, U46349, AL119319, AW372827, AL134527, AL134528, AL134530, AL134519, AL119391, AL043147, AL119483, AL134132, AL134525, AL134536, AL134538, AL119363, AL042989, AL134533, AL119497, AL037205, AL119444,

1079	HRODW53	875550	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2201 of SEQ ID NO:1079, b is an integer of 15 to 2215, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1079, and where b is greater than or equal to $a + 14$.</p>	<p>AL119355, AL042965, AL119335, AL079442, U46346, U46341, AL119396, AR060234, AR066494, A81671, AB026436, AR054110, AR069079</p> <p>AW195340, AW444826, AA947277, AA722891, AW009448, AI420841, AA731773, AI565025, AI927332, AI336337, AI494131, AA947279, AA808216, AI651452, AA825545, AW452410, AI216219, AI243363, AI867450, AA812208, AI573209, AW292860, AA908226, AI458531, W93316, AW079969, AW002549, AI467887, N24875, AA256877, AA262505, AA749144, AA811313, R83301, AA778771, AA766428, AA682799, AW183953, AA255868, H58733, AW243205, AA931058, AI246223, H69591, H69785, AA973454, R83395, N36294, AA299701, AI803225, AA299702, T03865, H58344, H75668, H59592, AA812777, T77893, AA411001, AW367969, AW377666, AA354797, AI825279, AA677816, AW389598, H69023, H65620, AA419509, AI886081, AW377657, AA255471, AA648958, AW296622, W93427, AW183272, AI203101, AW389617, AW367976, AA815060, H67272, H65619, AI218105, AA256747, Z38443, H59593, F05460, AI634666, AI208005</p>
1080	H2CBE60	875551	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 585 of SEQ ID NO:1080, b is an integer of 15 to 599, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1080, and where b is greater than or equal to $a + 14$.</p>	<p>AA307347, R25920, D80022, D59859, AA305578, C14389, D80188, D59467, D51799, D80248, D80166, D51423, D59619, D80210, D80240, D80253, D81030, D58283, D59275, D80212, D80366, AA305409, C14331, D80219, D80043, D80195, D80522, D80391, D80164, D59787, D80227, D59502, C14014, D57483, D59610, D81026, D80269, D80024, AA514186, D59889, D80196, D80133, D59927, C15076, D80038, D50979, D51022, D50995, D51060, D80193, D80045, AA514188, D80251, D80241, AW360811, D80378, AW377671, AW177440, D80268, C14429, AW178893, T03269, AW375405, AW360844, D80439, D80302, C75259, D80247, AW179328, AW366296, AW177501, AW177511, AW360817, AW375406, AW378534,</p>

	AW352171, AW179332, AW377672, AW179023, AW178905, C05695, AW178906, AW178754, AW179024, AW377676, AW378532, D59373, AW177505, AW360841, AW179020, AW178775, AW178909, D80134, AW177456, D51250, AW352170, D80132, AW177731, AW178907, AW178762, D58253, AW179019, AW179018, AW352158, AW178971, D51759, D80157, AW352117, D51103, AW367967, AW369651, AW179004, AW179329, AW179012, AW178980, AW177733, AW378528, AW179007, AW178908, AW178983, AW352174, D52291, AW176467, AW179017, AW179009, F13647, AW178914, AW378543, AW378525, AW352163, T11417, D80168, AW352120, T48593, D81111, D59653, C06015, C14298, D58246, AW178774, AW178781, AW178911, AW378540, AW177722, A1910186, C14227, AW177728, D59503, D80064, D45260, D58101, AW360834, A1905856, D59627, C14407, Z21582, H67866, D80258, H67854, T03116, AW178986, AW367950, C03092, AW177723, A1525923, AA809122, D59317, A1535850, AW177734, A1525920, A1525917, D51221, D51213, A1557751, D59474, D45273, AA514184, AW177508, D80014, AW177497, C14957, C14973, C14344, AW378533, AA285331, D51097, D60010, A1557774, A1535686, H67858, T03048, AW179013, D59551, A1525235, A1525912, T02974, AW178759, A1525227, Z30160, C14046, D60214, AW378539, A1525215, A1525242, AW378542, C16955, A1525925, A1525222, Z33452, C05763, D31458, A1525216, T02868, AW360855, A1525237, D80007, AF055668, AF055669, AR008278, A62298, AB028859, AJ132110, AR018138, A84916, A62300, AF058696, A82595, X67155, Y17188, D26022, Y12724, A25909, A67220, D89785, A78862, D34614, A94995, AR060385, AB002449, AR008443, D88547, I50126, I50132, I50128, I50133, AR016808, X82626, AR056488, AR016514, AR025207, AR060138, A45456, A26615,

1081	HWMCK4 5	875552			<p>AR052274, Y09669, A43192, A43190, AR038669, AR066490, AR066487, A30438, I18367, X64588, I14842, AR054175, D50010, Y17187, AR008277, AR008281, A63261, X68127, AR008408, AB012117, AR062872, A70867, AR016691, AR016690, U46128, D13509, A64136, A68321, I79511, AR060133, A85396, D88507, AR066482, A44171, A85477, I19525, A86792, I32384, X93549, U79457, AF123263, AR032065, AR008382</p> <p>W44982, AC003042</p>
1082	HK AFL60	875553		<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 628 of SEQ ID NO:1081, b is an integer of 15 to 642, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1081, and where b is greater than or equal to a + 14.</p>	<p>AI871640, AI809329, AW293495, AI631630, AA731792, AA809789, H97646, AA564836, AI913067, AL117328</p>
1083	HUSXP66	875554		<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AI800576, AI376958, AI087840, AW069881, AI038673, AW339528, AW440579, AI057432, AI800751, AW371940, AA580863, R06900, AA026058,</p>

1084	HTLEY14	875556	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 661 of SEQ ID NO:1083, b is an integer of 15 to 675, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1083, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 614 of SEQ ID NO:1084, b is an integer of 15 to 628, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1084, and where b is greater than or equal to a + 14.</p>	AA252326	<p>AL031620, AL038838, AL038983, AL038822, AL037436, AL142134, AL040617, AL044186, AL041238, AL047012, AL044037, AL038532, AL047170, AL040463, AL037727, AL040576, AL045753, AL041752, AL045684, AL040625, AL047219, AL044162, AL041602, AL043492, AL040839, AL043677, AL040193, AL043467, AL040510, AL040621, AL043538, AL047183, AL043496, AL040464, AL046442, AL041635, AL045817, AL041133, AL041324, AL040322, AL041098, AL044074, AL040119, AL041955, AL040294, AL043923, AL043814, AL041096, AL043845, AL045920, AL041163, AL047057, AL037435, AL044064, AL040149, AL041459, AL041730, AL041523, AL041159, AL041577, AL040472, AL038761, AL043627, AL040052, AL037295, AL041374, AL041292, AL041358, AL046850, AL040444, AL041296, AL040768, AL040332, AL043848, AL041142, AL042135, AL043570, AL041346, AL046594, AL041086, AL046914, AL040529, AL040370, AL040745, AL046330, AL041197, AL039316, AL046392, AL040128, AL044272, AL134524, AL045671, AL047036, AL041233, AL040342, AL037343, AL037335, AL044258, AL040148, AL040553, AL040458, AL044187, AL044199, AL037323, AL044125, AL049018, AL040285, AL045990,</p>
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	AL046327, AL041277, AL040091, AL037443, AL040155, AL041347, AL041131, AL039744, AL041168, AL044165, AL044274, AL040571, AL039338, AL041051, AL040168, AL039643, AL079878, AL040075, AL045989, AL041186, AL039432, AL042096, AL041246, AL040414, AL040253, AL041227, AL040090, AL043775, AL044201, AL043941, AL037341, AL041140, AL045857, AL040082, AL041278, AL040329, AL043444, AL079852, AL045725, AL039915, AL043612, AL040255, AL040238, AL040263, AL039360, AL042898, AL045328, AL037279, AL041210, AL049069, AL044529, AL047037, AL043537, Z30131, AL038745, T23957, T23985, AL080031, AL046147, AA585439, AL045211, Z28355, AA585101, AI541365, AI525556, AI541374, AI540967, AI525431, AI541523, AI541514, T23888, T11028, R29445, R28735, T41289, D61254, AI547039, AI557731, AI526073, AL134110, R29177, AA585453, AI525320, AL047163, AA585476, AI525306, AI541535, AI546855, AA174170, AI556967, AI541509, AI546828, AI535639, AI557262, AI526194, AI526140, AI541017, AI541013, AI541508, AI547295, AI546891, AI557787, AI525316, C16305, AI546999, AL045327, AL041344, AI541510, C16300, AI541390, AI557799, AI557807, D57491, AI541307, AL043440, R29218, C15189, AL036259, AL046097, AI525321, AI525328, AI526187, AI526184, AI557238, AI546945, AL040385, AA585438, D55233, C14723, AA585434, AI526144, AA585356, AI546899, AI546875, AL045994, AJ239433, AI557796, AI541534, AI526176, AA585440, AR064707, I15717, I15718, I08395, M28262, E13740, AJ244003, AJ244004, E03627, I48927, AJ244005, I08396, A60212, A60209, A60210, Y16359, A60211, A98767, D78345,

				A93963, A93964, AR062872, I63120, AR017907, AR062873, AR062871, A25909, I06859, A18050, A23334, A75888, I70384, A90655, A02712, A60111, I84553, A23633, AR007512, AF082186, A81878, I84554, A77094, A77095, AR031566, A85395, A85476, I00682, A95051, A18053, A86792, A20702, A64973, A35536, A35537, X83865, A11623, E00609, A11624, A43189, A43188, A20700, A02135, A04663, A02136, A04664, A84772, A11178, E01007, A98420, A98423, A98432, A98436, A98417, A98427, A84776, A84773, A84775, A84774, I13349, A10361, AR067731, AR037157, AR054109, AR067732, A58522, AR038855, AR043601, A11245, A91750, I44681, I03331, A02710, E12615, I18895, AR035193, A92133, E14304, A07700, A13392, A13393, I62368, AR031488, I13521, I52048, A27396, A91965, E16678, AR027100, I49890, I44531, I28266, I21869, I44516, A70040, A82653, AF149828, E16636, A95117, A93016, A24783, A24782, A58524, I05558, A58523, I01995, I25027, I26929, I44515, I26928, I26930, I26927, I08051, I60241, I60242, AR038762, A20699, E00696, E00697, AR009151, I66485, I66487, E03813, I66482, I66483, I66484, I66498, I66497, I66496, AR038066, AR027099, I66486, AJ230935, AR051652, AR051651, AJ244007, AJ230902, AR008429, A22738, I08389, X07299, D13316, AJ230972, AB025273, U94592, D50010, AJ230951, AR051957, AJ231009, Y09813, AJ238010, E12584, X81969, I19525, AR066494, Z32836, AR035975, AR035977, I18302, D13509, A70872, AJ231028, E17098, I66495, I66494, A22734, AR022273, AJ230867, AR035974, AR035976, AR035978, A70869, AL137394, AB014583, AL080126, AJ230845, I36244, AR051864, D17247, AR051865, A93923, A06631, S60422, AJ231011, A93916, Y14219, AR063812, A24548, A24546, I05845,

1085	HOFMV44	875558	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1342 of SEQ ID NO:1085, b is an integer of 15 to 1356, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1085, and where b is greater than or equal to a + 14.</p>	<p>A93931, A16035, AJ230996, I03669, I03668, I33632, AR009152, A68112, A68104, I15353, A85203, I66481, A83642, A83643, I66488, E03654, I66489, I66490, I66491, I66492, I66493, AR054723, A05993, A05975, A05973, A05991, A05995, A83151, AR023813, AL133053, AL122101</p>
1086	HSLJN60	875559	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 689 of SEQ ID NO:1086, b is an integer of 15 to 703, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1086, and where b is greater than or equal to a + 14.</p>	<p>AA043203, AA633788, AA779964, AA077596, AA993172, AA721605, AA993810, N58116, W02490, AA250756, AA410936, AA812535, AW105026, AA978273, AA912417, AI015512, AA323882, N74558, AC002542</p>
1087	HCQAG54	875560	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 465 of</p>	<p>T59843, AA664394, AA224827, T59708</p>

1088	HHMMD6 0	875563	<p>SEQ ID NO:1087, b is an integer of 15 to 479, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1087, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 428 of SEQ ID NO:1088, b is an integer of 15 to 442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1088, and where b is greater than or equal to a + 14.</p>	<p>AI926573, AI733887, AI732593, AA132660, AA132832, AC006449</p>
1089	HWLMB59	875564	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1060 of SEQ ID NO:1089, b is an integer of 15 to 1074, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1089, and where b is greater than or equal to a + 14.</p>	<p>AA418204, AI133717, AA007464, AA279666, AA281169, N78164, AC006059, AF184110</p>
1090	HUFAU68	875565	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1149 of</p>	<p>T12323, H54278, AA032022, Z19186, R92145, T19706, AA344428, AA031911, AW302758, AW187983, AB033011</p>

1091	H2LAX58	875567	<p>SEQ ID NO:1090, b is an integer of 15 to 1163, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1090, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 757 of SEQ ID NO:1091, b is an integer of 15 to 771, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1091, and where b is greater than or equal to a + 14.</p>	AA315557, AI632010, AI816905, RI0787, D80166, D80212, D80022, C14389, C14331, D59619, D80210, D80240, D80219, D59502, D58283, D81030, D59859, D80043, D80195, D80391, D80164, D59787, D51423, D51799, D59275, D80253, D80227, D80193, C15076, D80196, D80045, D80188, D59467, D59927, C14429, D57483, D80269, D80366, D80038, D50979, D59889, RI0697, D50995, AA305409, D59610, D80378, D80024, D80241, T03269, AW178893, D51060, C75259, C14014, AW178775, D51022, D80268, D81026, AW179328, D80134, AW177440, AW378532, D51250, D80522, AA305578, D80168, AW352158, D80949, F13647, AW369651, D59695, D80064, D80251, D80248, Z21582, D58253, AW178762, C14298, AA514188, AW177501, AW177511, C14227, D80133, D81111, C14407, AI910186, AA514186, AW352117, AW360811, D80132, AW378540, AI905856, AW377671, C05695, AW176467, AW375405, AW360844, AW179012, AW366296, AW360817, D80439, AW375406, AW378534, AW352171, AW179332, AW377672, AW179023, AW178905, AW177505, AW377676, D80247, AW178754, AW179024, AW352170, AW360834, D59373, AA285331, D51097, D80302, AW360841, AW179020, AW178909, AW177456, AW178906, AW177731, AW178907, AW179019, AW179018, AW178971, AI557751, D80157, AW352174, AW179004, AW179329, AW178980, AW177733, AW378528, AW179007, AW178908, T11417, AW179220, AW177714, C14077, AW179017, AW179009, AW178914, AW378543, AW378525, D51103, D51759, AW367967, AW177722,
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1092	HCRQD82	875570	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 743 of</p>	<p>D80014, T03116, AW178983, AW352120, AW177728, AW178774, AW178781, AW178911, AW352163, D58101, D59627, D59503, D58246, D59653, T48593, D80258, C06015, D51213, AI557774, C03092, AW177723, AW378539, H67866, D45260, AI535850, AI525923, T02974, C14975, AW378533, AW367950, AW178986, H67854, AA809122, AW177734, C14344, AW177508, C14046, AW177497, D45273, D80228, AI525917, D59317, C14973, D60010, D51221, H67858, D59474, AI525920, AI535686, AA514184, AW179013, D59551, AW178759, T03048, F13796, C14957, D60214, AI525227, AI525235, AI535961, C16955, Z33452, AI525242, AI525912, AW378542, C13958, AI525925, A62300, A84916, A62298, AJ132110, AR018138, X67155, Y17188, A67220, D34614, D26022, A25909, D89785, A78862, I82448, AF058696, D88547, AR008278, X82626, AB028859, AR025207, Y12724, AB012117, A82595, X68127, A94995, AR060385, A85396, AR066482, A44171, AB002449, A85477, AR008443, I19525, A86792, U87250, X93549, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, I14842, Y09669, A43192, A43190, AR038669, AR066490, AR066487, AR054175, A30438, I18367, D88507, D50010, Y17187, AF135125, A63261, AR008277, AR008281, AR008408, AR062872, A70867, AR016691, AR016690, U46128, D13509, AB033111, A64136, A68321, AR060133, I79511, X72378, AR064240, U87247, I32384, AB023656, U79457, AF123263, AR032065, X93535, AR008382, AW206804, AI337160, AI744024, H11326, AA886435, F10033, AA255487, AI499829, AW188608, AA508761</p>
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1093	HCRPV05	875572	SEQ ID NO:1092, b is an integer of 15 to 757, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1092, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 619 of SEQ ID NO:1093, b is an integer of 15 to 633, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1093, and where b is greater than or equal to a + 14.	AI955141, AI744943, R16287, R15781, AI440022
1094	HHECM62	875573	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 534 of SEQ ID NO:1094, b is an integer of 15 to 548, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1094, and where b is greater than or equal to a + 14.	AI732599, AA132796, AW205259, AA885330, AA769901, AI609831, AW087786, AI423901, AA313420, AI791778
1095	HFOXW88	875574	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 846 of	AA146968, AA699958, AA700342, AI378339, AA146969, R07642, R07689, AC006344

1096	HWLXT17	875578	<p>SEQ ID NO:1095, b is an integer of 15 to 860, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1095, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1740 of SEQ ID NO:1096, b is an integer of 15 to 1754, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1096, and where b is greater than or equal to a + 14.</p>	<p>AI279511, AI679970, AA968450, AW081381, AI371994, AW450638, AI679532, N90808, AA399120, AA448632, AA398186, AA807135, R61258, AA769230, Z33585, R61259, AA746649, H10077, AA598764, R58928, AI700380, AL117693</p>
1097	HODAY72	875583	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 760 of SEQ ID NO:1097, b is an integer of 15 to 774, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1097, and where b is greater than or equal to a + 14.</p>	AA682526, AI702143, AC006352
1098	HCQB156	875584	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 150 of</p>	D44721

1099	HTTCM45	875585	SEQ ID NO:1098, b is an integer of 15 to 164, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1098, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 562 of SEQ ID NO:1099, b is an integer of 15 to 576, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1099, and where b is greater than or equal to a + 14.	AL133757, M78501	
1100	HARNM58	875587	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 815 of SEQ ID NO:1100, b is an integer of 15 to 829, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1100, and where b is greater than or equal to a + 14.	AI640555, AW341429, AA010805, AW450715, AI040419, AI167746, AI123802, AA677191, AA972603, AI342357, AI050710, AI636070, AI636093, AW104447, AA011210, AW103112, AA625985, AI050704, H95386, W31489, AW452276, R43183, R45091	
1101	HMI AQ09	875588	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1006 of	AI433411, AA772279, AA931112, AI580387, AW182214, AW444853, AW236085, H84320, AA384441, AA309603, H84319, AA991549, AL133615	

1102	HE9MD57	875589	SEQ ID NO:1101, b is an integer of 15 to 1020, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1101, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 579 of SEQ ID NO:1102, b is an integer of 15 to 593, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1102, and where b is greater than or equal to a + 14.	AA224205, AI750792, AI384092, AI827513, AI750808, AI081591, AA333825, R32422, R76408, AA682395, R06653
1103	HCQDA63	875590	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1415 of SEQ ID NO:1103, b is an integer of 15 to 1429, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1103, and where b is greater than or equal to a + 14.	AI522107, AI378319, AA234318, AI692527, W38548, AI290259, AI470641, R19919, AA234561, AA973961, F11345, F09005, R45139, AI470879, AW132159, AA482991, AA988920, AA146698, H59248, H28631, H28612, AA205262, N56056, N90091, AA095089, H68801, AI341225, AW001798, AA205188, AC004067, AC002091, AC003695
1104	HWLRO57	875594	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 713 of	H13920, R82788, Y15909

1105	HHEQO60	875596	<p>SEQ ID NO:1104, b is an integer of 15 to 727, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1104, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 591 of SEQ ID NO:1105, b is an integer of 15 to 605, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1105, and where b is greater than or equal to a + 14.</p>	<p>AI638800, AI701032, AI568329, AI225238, Z82200</p>
1106	HMUBG89	875597	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 791 of SEQ ID NO:1106, b is an integer of 15 to 805, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1106, and where b is greater than or equal to a + 14.</p>	<p>H98768, AI300431, AI076535, AI082879, AI689961, H03865, AI701454, AI458282, N33061, W07734, AI263212, R46614, T67479, AI991356, AI654356, N78714, AI696043, N23489</p>
1107	HDPRN70	875598	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 341 of</p>	

1108	HCRMC33	875600	<p>SEQ ID NO:1107, b is an integer of 15 to 355, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1107, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 433 of SEQ ID NO:1108, b is an integer of 15 to 447, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1108, and where b is greater than or equal to a + 14.</p>		
1109	HROBR56	875604	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 788 of SEQ ID NO:1109, b is an integer of 15 to 802, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1109, and where b is greater than or equal to a + 14.</p>	<p>AI657019, AI623299, AA393186, AA398646, AI263831, AA364607</p>	
1110	HWLMU3 3	875605	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 444 of</p>	AA126535	

1111	HCRQC94	875606	<p>SEQ ID NO:1110, b is an integer of 15 to 458, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1110, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 740 of SEQ ID NO:1111, b is an integer of 15 to 754, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1111, and where b is greater than or equal to a + 14.</p>	<p>AA533280, AI133211, AW275798, Z28740, H79608, Z99396, AW392670, AL119457, AW372827, AL119497, AW384394, AL119484, AL119391, AL119319, AL119483, AW363220, AL119324, AL119443, U46350, AL119522, AL119355, AL119363, U46351, U46341, U46349, AL119341, AL036418, AL038837, AL119335, AL119418, AL119396, AL119496, U46347, AL037051, AL042965, AL036725, AA631969, U46346, AL119444, AL037205, AL119439, AL134538, AL036858, AL134531, AL119401, AL134532, AL134533, AL134536, AL042614, AL042542, AL036924, AL042975, AL043029, AL042984, AL119399, AL134920, U46345, AL042544, AL043019, AL038509, AL042551, AL037085, AL043011, AL042450, AL037094, AL043003, AL037526, AL036196, AL037639, AL036268, AL037082, AL036767, AL036190, AL037077, AL119464, AL036774, AL038520, AL036998, AL038851, AL038447, AL036733, AL037178, AL036238, AL036719, AL037615, AL037027, AL036765, AL036191, AL036679, D63477, AR066494, AR060234, A81671, AB026436, AR023813, AR064707, AR054110, AR069079</p> <p>N70420</p>
1112	HCRMQ55	875608	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 610 of SEQ ID NO:1112, b is an integer of 15 to 624, where both a and b</p>	

1113	HSAZF81	875609	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1112, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 646 of SEQ ID NO:1113, b is an integer of 15 to 660, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1113, and where b is greater than or equal to a + 14.</p>	<p>AI863439, R11144, AI360315, AA203688, H24452, R11145, R01108, AW002361, Z41757, AW295865, AI961650, AI052438, AW131513, AW089844, AI688241, AW080746, AW163834, AI886884, AI076157, AI270183, AI918677, AI696603, AI499963, AI364167, AI470717, AW132056, AI524139, AA128660, AI872423, AI370623, AI927233, AW080700, AI281782, AA179186, AI582910, AW075382, AW004606, AI638644, AI522256, AW029489, AI439452, AI682798, AW188525, AI619820, AI621341, AA810605, AI554516, AA814343, AI868680, AW051088, AW084396, AA806720, AI590043, AI284084, AI926593, AI568293, W46513, AI698391, AW007580, AI866469, AI648699, AI561288, AW081515, AW129264, AW081349, AI628180, AW088560, AI909697, AI625226, AI559296, AI590227, AI932794, AW166583, T69241, AI633066, AI620864, AI561356, AI279677, AI633125, AI079226, AW087837, AI631273, AI538564, AI699175, AI915291, AW152182, AI434969, AI889862, AI696714, AW085734, AI434731, AI889189, AI678602, AI473536, AI338427, AI884318, AA745155, AI863319, AW081252, AI573164, AI520859, W74529, AI865906, AI912544, AI701097, AI571867, AI349482, AI439385, AW131282, AI499570, AI570056, AI699823, AI765103, AI918809, AI868931, AI333104, AW105296, AI553645, AI368943, AI934259, AI688300, AA836168, AW150750, AI888022, AI860027, AI270706, AI367680, AI630932, AI611738, A65341, AL137533, I89947, I33984, AFO47716, A41579,</p>
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1114	HTJMO37	875610			<p>Z13966, U62966, AF199027, AR034821, L25851, AL050155, AR038854, AL122100, AL117587, AL137530, A77033, A77035, AL117460, Z97214, D44497, X95310, AL117636, A52184, X68560, S69381, X99971, AF116573, AF013214, AL080146, AF080068, Z82022, X59813, X66366, X66871, AL133665, AF183393, A58545, A23327, A76337, AL137271, E12806, AC006115, AL137711, AF185576, AF032666, A21103, AL133084, AL080159, AF059611, AL137478, AF106697, U73682, X52220, AL049557, AF167995, A86558, X61399, AF222801, AF061981, I32738, AF008439, AF118847, L10730, A76335</p> <p>AA252455, AI191596, AI216511, AI221932, AL044538, AL044537</p>
				<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 503 of SEQ ID NO:1114, b is an integer of 15 to 517, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1114, and where b is greater than or equal to a + 14.</p>	
1115	HKCSA54	875611			<p>AA078787, AA664392, AA047305, AA078903, T82427, AA618308, AA047306, AC007688</p>
				<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 872 of SEQ ID NO:1115, b is an integer of 15 to 886, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1115, and where b is greater than or equal to a + 14.</p>	

1116	HWLQA55	875612	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 301 of SEQ ID NO:1116, b is an integer of 15 to 315, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1116, and where b is greater than or equal to a + 14.</p>	<p>AI767589, AI732392, AW083534, AW007152, AW004781, AA053033</p>
1117	HWBDT63	875613	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 735 of SEQ ID NO:1117, b is an integer of 15 to 749, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1117, and where b is greater than or equal to a + 14.</p>	<p>AI273587, Z36969, AA132614, AA602080, AA629773</p>
1118	H2CBQ54	875625	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 702 of SEQ ID NO:1118, b is an integer of 15 to 716, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1118, and where b is greater than or equal to a + 14.</p>	<p>AA313350</p>

1119	HCQCX54	875628	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 348 of SEQ ID NO:1119, b is an integer of 15 to 362, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1119, and where b is greater than or equal to a + 14.</p>	
1120	HCQCG75	875629	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1234 of SEQ ID NO:1120, b is an integer of 15 to 1248, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1120, and where b is greater than or equal to a + 14.</p>	<p>AI131026, AA716622, AI057161, AA774194, AA156854, AA225603, AA716534, AA213506, AI742559, AI820099, AA643860, AA343612, AW294591, AA636011, AI440145, H21764, AA716363, AA362352, AA352145, R64559, AA076494, Z95114, Z82215, AF070675</p>
1121	HHEZN36	875630	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 709 of SEQ ID NO:1121, b is an integer of 15 to 723, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1121, and where b is greater than or equal to a + 14.</p>	<p>AA402496, AI435815, AA505991, AI359093, AW197200, AA234622, AA402558, AA258509, H17033, R14272</p>

1122	HPCIS18	875631	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 768 of SEQ ID NO:1122, b is an integer of 15 to 782, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1122, and where b is greater than or equal to a + 14.</p>	AA313376, AW296351, I68732
1123	HISAT54	875632	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 754 of SEQ ID NO:1123, b is an integer of 15 to 768, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1123, and where b is greater than or equal to a + 14.</p>	AI913155, AI672147, AI935812, AI742124, AI953577, AI378301, AI420915, N32927, AI985091, AI633160, AA724413, AA913627, AA025763, AI569838, AI867104, AA447105, AI267291, N42073, AI963746, AA707999, AI473202, AI379471, AI383622, AA025951, AI675725, AW149902, AI114877
1124	HLWAC54	875633	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 260 of SEQ ID NO:1124, b is an integer of 15 to 274, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1124, and where b is greater than or equal to a + 14.</p>	AF130356, AB026118

1125	HKMAB82	875634	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1121 of SEQ ID NO:1125, b is an integer of 15 to 1135, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1125, and where b is greater than or equal to a + 14.</p>	<p>N28667, AI659988, AI082031, AI693456, AI880139, AA581592, H73764, H16504, AI871552, AI002235, AA350218, H05516, AI268133, R46302, AI417378, AA418492, AI278150, AA418394, R46207, AI281736, AI027423, R15667, AA355971, H74147, AW195643, AI478495, R62421, R62495, AW453056, AA507440, W21975, AA364092, AC006312, AF055899</p>
1126	HPVAB96	875635	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 432 of SEQ ID NO:1126, b is an integer of 15 to 446, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1126, and where b is greater than or equal to a + 14.</p>	<p>AA219147, AI884470, AA464382, AC006475, AL009051</p>
1127	HBMSX53	875636	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 559 of SEQ ID NO:1127, b is an integer of 15 to 573, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1127, and where b is greater than or equal to a + 14.</p>	<p>AA810265, AA897140, AI656737, AA768557, AA767085, AI969070, AA847937, AC005018</p>

1128	HCFC558	875638	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2215 of SEQ ID NO:1128, b is an integer of 15 to 2229, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1128, and where b is greater than or equal to a + 14.</p>	AI373860, AI142548, AI160244, AI803364, AA732841, AI435516, AI095583, AI076620, AI167180, AI936640, AI339776, AA969232, AW137670, AI391504, W68702, AW207539, W79914, AA917467, AI459137, AI148710, AA287408, AI762559, AI040652, AW026057, AA522920, AA866005, AI016161, AA055361, AA625635, W23647, AA707093, AA913826, AI083994, AI015839, W69531, AI796928, AI890078, AI830098, AA937098, AA305157, AI581290, C01766, AI050874, AI199472, AI097584, H92773, AI074517, AI074538, AI151312, AW028614, AI674344, AA305656, AI990059, R62238, AI095293, AI052777, AA287357, AI085262, AI354825, AA282043, AI828501, AA989141, AI936558, AA917921, AW207658, AA581990, H66449, AI809556, H66448, AI087807, AA976485, AI089883, AI161211, AW102710, AI370809, AA282205, AA358542, AW054857, AA810757, F13499, AA876563, AA215693, AI084131, AI828164, W74293, F22539, AI870008, AI671095, AA476727, AA404240, AA831950, AA026585, AA370269, AI359885, AA631293, AW340672, AI121501, N31738, D19607, AA423998, W68795, AW301681, AA037423, AA744671, AI498589, AA705091, AI185927, AA425621, W24523, R83202, AW072175, AA886734, AI568422, AI128796, AI423010, W39033, N92339, N27093, AI906207, AI354764, AI829997, AI216318, AI292222, W24115, AI700186, AW166486, AI808019, AI417379, AI274365, AI192992, AA327411, AI801970, AI560400, AI334057, AW205138, AW135446, AI356227, AI418487, AI334250, AI301676, Z39418, AW206667, AA026695, AA449697, AA307877, W69448, AW136707, AI356196, AI858772, AI268621, AW054727, AW206873, AI077709, AW300595, AI394380, AI369492, AI300626, AI702163, AW137374, AI366348, AW137612, AW104420,
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			AI354931, AI349587, AW072219, AI300618, AA362894, AI356229, N92547, AW083322, AW138524, AA906922, R21738, AA448971, AA928281, AI824781, AW404514, F10607, H92884, AW104623, AA974162, AA055693, AA282321, AI191199, W78149, AA026665, AI243453, AA884305, AI471239, AA907645, R05573, AI702878, AI953829, AA972477, AA912803, N91937, AA370270, R83201, AA026584, AI610796, AI624790, AI367991, AW089151, AA367748, T12621, AI250112, AW072490, D80024, D58283, D51060, D80522, D59275, D80133, C14331, C14389, D59859, D80043, D81026, D80022, D80248, D80366, D51022, D51799, D59610, D80269, D80253, D51423, D57483, D50979, D80166, D80195, D50995, D59467, D59619, D80210, D80391, D80164, D80240, D59787, D80227, D59502, D81030, D80212, D80196, D80188, AW377671, D80219, C14014, AA305409, D80251, AJ132110, A62300, AB028859, AF058696, A62298, AR018138, A84916, AR008278, A82595, AB002449, X67155, AR060385, Y17188, D26022, Y12724, A25909, A94995, A67220, D89785, A78862, D34614, AR008443, I50126, I50132, I50128, I50133, D88547, AR066488, AR016514, AR060138, A45456, A26615, AR052274, X82626, AR054175, Y09669, A43192, A43190, AR038669, AR066487, I14842, A30438, AR025207, Y17187, A63261, D50010, AR008277, AR008281, AR062872, A70867, AR066490, I79511, AR016691, AR016690, U46128, X68127, AR008408, I18367, X64588, I82448, AB012117, D13509, A64136, A68321, AR060133, AF123263, Z82022, A85396, D88507, AR066482, A44171, AR032065, A63887, AR060382 W91924, AW197110, AI741307, AI378575, AA713480, AI690421, AI699132, N68496, AI567731, AI928419, W91925, AI932938, AA026893, R92744, AI935511, AI242962, AI952546, AW384749, AA036709.
1129	HPMK129	875639	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by

1130	HMWFZ60	875640	<p>the general formula of a-b, where a is any integer between 1 to 935 of SEQ ID NO:1129, b is an integer of 15 to 949, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1129, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1404 of SEQ ID NO:1130, b is an integer of 15 to 1418, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1130, and where b is greater than or equal to a + 14.</p>	<p>AI659575, AW384762, AF176699, AL022395, AF174590, AF199355</p> <p>AL135393, AI743624, AW007692, AI809103, AI693085, AW188260, AI628632, AA151384, AW170431, AI688464, AI884841, AA044177, AI435463, AI760308, AA641945, AI911252, AI808563, AA433872, AI597697, AA532734, W57862, AI187076, AI493091, AI624308, AA909039, AA856988, AA912119, AA099566, AA314491, AA603118, W60385, AI817675, AI804736, AI141817, AA635102, AA012931, AA831200, AA872405, AA039656, AW374351, AA317881, AW270235, AI128006, AA044362, AA971272, N53760, N73118, AI092800, AI125656, AA307420, AA299867, AI092789, AI087152, AI698768, AI075446, AI827489, AA909444, AI310357, W60294, AA557616, AI401792, H71979, AI201315, R91255, R53622, W57788, AA905502, AI080642, AI953627, AA040065, N49849, R51953, AI039773, R44774, AI354614, AI695145, W52685, AA641347, AA230242, AA311605, AA485131, N33951, AA001274, AA001885, AA130833, R91256, D31320, AA676280, AA947975, AA299866, AA888090, AA055655, AI028370, AA485132, AA076953, N71776, H67264, AW087608, R25747, R85994, N49662, AA382910, R40695, AI433728, AA402168, R13260, AA402822, AA502327, AA515875, AW004807, AA627525, AI826454, AA319306, AA082526, AA151383, AA074596, AA494303, R19108, AW235427, R26592, AA702744, AA130948, AI419583, AI538143, AA230299, AI656420, AA588457, N67517,</p>
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1131	HUCPH16	875641	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1648 of SEQ ID NO:1131, b is an integer of 15 to 1662, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1131, and where b is greater than or equal to a + 14.</p>	<p>AI262101, AI538153, AA078050, AC005074, AF084479, AF072810, AB032253</p> <p>AI694079, AI469419, AA521321, AA621120, AI873548, AW162015, N24406, AI745250, AI816009, AI034067, AA861921, AA994985, R91349, AA732547, H99156, AA429548, R91302, AI809579, AA921820, AI471875, AA910181, AL042168, AA741400, AF071771, U09850, AF011758</p>
1132	HCUDA52	875642	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 373 of SEQ ID NO:1132, b is an integer of 15 to 387, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1132, and where b is greater than or equal to a + 14.</p>	<p>AA834872, F30466, F36527, F01431, AA564994, AW394057, AF001548, AC005340, AC005934</p>
1133	HTWCN56	875646	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 68 of SEQ ID NO:1133, b is an integer of 15 to 82, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AL042551</p>

1134	HWLUF58	875650	<p>NO:1133, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 792 of SEQ ID NO:1134, b is an integer of 15 to 806, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1134, and where b is greater than or equal to a + 14.</p>	<p>AI148558, AI991236, AI346818, AA528254, AA573948, AA582937, AA148254, AW009953, AA278825, AI262374, AA148255, AW337649, AW292443, AI879821, AA568456, AA769741, AA441911, AA928164, AI277160, AI368975, AA442018, H16108, AI024901, W17108, AI910530, AI675866, AA278827, T25032, AA282250, AB023416</p>
1135	HWLMI53	875651	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 625 of SEQ ID NO:1135, b is an integer of 15 to 639, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1135, and where b is greater than or equal to a + 14.</p>	<p>AI148558, AI991236, AI346818, AA528254, AA573948, AA582937, AA148254, AW009953, AA278825, AI262374, AA148255, AW337649, AW292443, AA769741, AI879821, AA568456, AA441911, AI277160, AI368975, AA928164, AI024901, AI910530, AI675866, W17108, T25032, AA442018, AA282250, H16108, AB023416</p>
1136	HWLMB54	875653	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 428 of SEQ ID NO:1136, b is an integer of 15 to 442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI656739, AW194261, AI191572, AI686332, AW241658, AI081504, AA287936, AW439964, AI147409, AI073550, AI627477, AA570523, AI149073, N23389, AW148760, AI952927, AI039002, AW170120, AI953877, AI478397, AI203256, AA057114, AI077376, AL043541, AI631759, AI302584, R46593, AA776807, AI471297, H08065, AI825574, AI000483, AI474396, AA993288, R60870, R49614, D63065, AI188876, AI471175, AI565375, R42276, AW130341, AI381205, AA025481, D60482,</p>

			NO:1136, and where b is greater than or equal to a + 14.	AI381203, AW135516, AW139222, AI864636, AI783564, AI439711, AI969032, AA828409, AI914914, AI302951, D62081, R38686, AI351832, F10577, AA215377, R77944, R42277, AA170804, H24643, N71896, AA025591, H25840, H02001, N26541, R78406, C02270, AI298146, D79240, AA057854, AA288000
1137	HOEEY53	875654	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 659 of SEQ ID NO:1137, b is an integer of 15 to 673, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1137, and where b is greater than or equal to a + 14.	AL119748, AL040243, AL041862, AL045500, AW087445, AW071349, AL042745, AI433976, AI433157, AI702406, AI275175, AL042628, AI564719, AI521012, AL079977, AL049085, AI580190, AI500659, AW301409, AI620284, AA640779, AI539771, AI500077, AI538716, AL047763, AL045266, AL040169, AL042627, AL121270, AL119049, AW082113, AI469532, AI537677, AI818683, AI340582, AL121328, AL040097, AI436456, AL119791, AL036146, AI815855, AW074993, AW238730, AL121365, AI064830, AI349772, AI349256, AL036396, AI863014, AW117882, AA572758, AI207510, AI499463, AW103371, AI349645, AL042744, AL036361, AL038605, AL036403, AW071417, AI866457, AI349004, AL036802, AL045620, AI536685, AI500523, AL039276, AI919345, AW169671, AI497733, AI269862, AI567351, AL046926, AI284517, AA613907, AW268253, AI537515, AL036274, AI349598, AL045163, AL121463, AI340603, AW089572, AI687728, AI281779, AI440239, AI281773, AW302988, AI312428, AI783504, AI868831, AI524671, AI866608, AI590120, AI619502, AI802542, AW169653, AW026882, AL048656, AI475371, AI498579, AL119828, AI312152, AI345735, AI432656, AL079963, AI499393, AI349933, AI349937, AI364788, AI491776, AI824557, AI934036, AW162071, AI612913, AI801325,

	AW148716, AI500706, AL048871, AI445237, AI348897, AW151138, AI440426, AI500662, AI687127, AI284509, AI499512, AI633493, AL135661, AL036980, AI857296, AI702433, AI521560, AW303152, AA508692, AI866573, AI434256, AI475817, AI815232, AI284513, AW148320, AI631107, AI800453, AI800433, AI888118, AI560012, AI285735, AI625079, AI635461, AI679724, AI920968, AL042551, F37439, AI690835, AI572787, AW075351, AW068845, AI648684, AW403717, AI687362, AW268220, AI610362, AI282655, AI872711, AW150578, AL047041, AI873731, AI499920, AI349614, AA427700, AA470491, AI432666, AI697137, AI929108, AL042787, AI636456, AI343112, AI608667, AW002342, AI475451, AI682841, AI224992, AI866780, AI799199, AI273142, AI282281, AI250293, AI269696, AI869367, AW104724, AI888661, AL042538, AI610307, AI340519, AL047042, AW074869, AI633419, AI866002, AW083804, AI922901, AI439087, AL120736, AI687415, AI610645, AW302965, AI590128, AW274192, AI491852, AI862144, AI285826, AI433037, AW161579, AI539153, AL043981, AW151485, AI554245, AI537244, AI274541, AI307708, AI446606, AA804740, AL120853, AI754897, AA225339, AL036631, AI445432, AL036759, AI254251, AI366549, AI309401, AI610429, AI889189, AW301300, F37471, AL120854, AI671679, AI568870, AI637584, AI758437, AI445025, AL038779, AW075413, AW020693, AI445165, AI580984, AI906328, AI554427, AI597918, AW082040, AL046849, AF090901, I48979, AF090903, AL050108, AF090934, U91329, AF113690, AF118064, I89947, AL117457, AF090943, AF113013, AL133640, AL137459,

	AL133016, AF078844, AF090900, AJ242859, AL117460, S78214, U42766, AL050393, AL049452, AL050116, AL133557, AL050146, I89931, A08916, AL110196, AL122050, Y11587, S68736, AF017152, AL080060, AL133080, AF113699, AF104032, Y16645, Y11254, AF113691, AL110221, AF113694, A08913, AL049938, AL050149, I48978, L31396, L31397, AF011880, AL049466, AL137527, AL133606, AF118070, AF125949, AF106862, A93016, I33392, AL133075, AL133113, AF113677, AF097996, AL137557, AF079765, AR059958, AL050277, AL133093, AL096744, AF090896, AF113019, AL122049, AL117583, AB019565, AL122093, AL117435, AF113689, A08910, I49625, AL049464, AL049382, AL049314, X84990, E07361, E07108, AL049300, AF113676, AL080137, AF111851, AL137550, AJ000937, AL117585, AL122121, AF158248, AL133560, AL080124, AL122123, A65341, X63574, E03348, X70685, A08909, AL117394, AF017437, AF177401, AL133565, U00763, AL049430, AF125948, AF146568, AF091084, AL137463, A03736, U72620, AL137283, AL122098, AJ238278, AL110225, AL122110, X82434, A58524, A58523, AF118094, AL137538, AL050138, X72889, I09360, AL050024, A77033, A77035, E02349, AL137648, X65873, X96540, I03321, Z82022, AF183393, A12297, AL137271, AL080127, U80742, X93495, U35846, AL133072, AL137521, AF087943, AL049283, U67958, AL080159, X98834, A08912, AL110197, AL133077, AF061943, E08263, E08264, E15569, I42402, S61953, AF067728, AL133014, AJ012755, AL133568, I26207, AL137560, U78525, A93350, AF119337, AF111112, AR000496, U39656, AF081197, AR038969, AC006371, AL050172, AR054984, AF026816, AL137556, AL137523, I17767, AF026124, Y14314, AL137526, AF153205, AF008439, AL133104,

1138	HUCQC25	875658	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 544 of SEQ ID NO:1138, b is an integer of 15 to 558, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1138, and where b is greater than or equal to a + 14.</p>	<p>AL133098, U96683, AL137488, AF003737, AF185576, AL110280, AL133067, E05822, Z72491, AF079763, Y09972, AF081195, AF106827, A07647, M30514, AL122111, Z37987, E02221, AF057300, AF057299, AR013797, AF162270, U68233, I92592, A90832, E08631, A45787, AL117440, AL137476, AF000145, U68387, AR038854, U58996, I00734, X87582, L30117, E00617, E00717, E00778, Y07905, AC004200, AL080074, X83508, E04233, AJ006417, AF111849, U49908, AC007458, AL137533, AL133081, X92070, AF118090, AL117432, AL080158, AL137480, Y10655, AF095901, L19437, AF132676, AF061836, AF210052, AC002464, AL050092, AL137273, A08911, AA994842, AW081730, AA001654, AI420895, AL137442</p>
1139	HCRMS71	875661	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 775 of SEQ ID NO:1139, b is an integer of 15 to 789, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1139, and where b is greater</p>	<p>AI693010, AA715045, AI885216, AI207366, AI357907, AI784056, AA621429, AW293970, AW204373, R43334, AA523584, AA781484, N94933, AB007870, AF000899, AL035697</p>

1140	HWLMS13	875662	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 816 of SEQ ID NO:1140, b is an integer of 15 to 830, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1140, and where b is greater than or equal to $a + 14$.</p>	<p>W32981, N46181, N46187, AA173644, AA352233, AA384809, R31168, W93675, U68494</p>
1141	HE6GF82	875663	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1096 of SEQ ID NO:1141, b is an integer of 15 to 1110, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1141, and where b is greater than or equal to $a + 14$.</p>	<p>AW003091, AA033907, AW292095, AW003066, AA994829, AA477259, AI203380, AW051389, AA481953, AW297105, AI168181, AI311568, AA402560, AI983314, AA402729, T32956, T15739, AI283188, AI206971, AI216276, AI285095, AA722476, R16257, F10673, AI888416, AA477907, AI424752, AW002217, AA082650, N83203, AA034007, AA701213, T47308, AI669678, F04444, AI868114, T47307, F01597, F01744, Z19661, AA041439, AW159604, AA455772, AW105601, AI587143, AI589267, AI340519, AI554821, AI682725, AI612885, AI784252, AI590423, AI288285, AI889168, AI345005, AI340511, AI799195, AI862144, AW059713, AI866465, AI310575, AI623746, AI887247, AI950664, AI340533, AI866770, AI273094, AA420722, N72726, AI890806, AL036664, AW075207, AI955906, AI343091, AI624056, AL036980, AI312428, AW268072, AI345735, AI811785, AI826225, AI431424, AL036631, AI307210, AW089471, AI500659, AI440263, AI313320, AW054931, AI340627, AW193134, AI379711, AI310504, AI312146, AI312339, AI345258, AI628296, AI349645,</p>

	AI470293, AW071349, AI916419, AW196299, AI311604, AI811353, AW151138, AI624953, AI890907, AI868204, AA012905, AL038605, AI634224, AW090726, AI306705, AI349957, AI817237, AI283941, AI798373, AI478639, AW022682, AI280747, AI862142, AI247193, AI538850, AI680113, AW071380, AI934036, AI963668, AI349028, AW191916, AI567971, AW170700, AL121496, AW193000, AI312152, AI345347, AI758437, AW075084, AI309443, AW196037, AW163834, AW118508, AI159837, AI348914, AI567612, AI349937, AW020693, AI354283, AL048644, AI689702, AI307543, AI334884, AI348897, AW151786, AI349598, AI307708, AI312325, AI270707, AI340659, AA761557, AW269097, AI310940, AW151136, AI445115, AI963224, AI313352, AI539771, AW072588, AI334930, AI307736, AW080279, AI471282, AI307520, AI917123, AI340603, AI889147, AI433384, AI499986, AI349186, AI537677, AW089572, AI445237, AI494201, AW083804, AI608667, AW191844, N71180, AA508692, AI345739, AW088037, AI312143, AI690748, AI440426, AI612750, AL119836, AI654601, AW059828, AI434256, AW131428, AI336495, N75771, AW301300, AI815232, AI801325, AA493647, AI500523, AI310582, AI915291, AI274541, AI623682, AI349955, AI582932, AI284517, AI923989, AW075093, AI564736, AI500706, AI491776, AW268067, AI521560, AI889189, AI500662, AI284509, AW172723, AA641818, AI433037, AI349246, AI623796, AW081449, AI866573, AA579232, AI343037, AI633493, AW161579, AA635382, AI349256, AI270055, AI567582, AI805769, W33163, AI251221, AI888661, AL036705, AW268253, AL046463, AW191003,

	AI284513, AI362637, AI573026, AI888118, AI039086, AC006276, A74801, AL049314, A08916, AC004943, A08910, A08909, AF090943, I89947, AL049423, AF039138, AF039137, AF097996, E02349, AL049452, AF124728, U42766, I48978, A08908, AL133098, A08913, AL050146, I89931, Y11254, AR038854, I49625, AL122049, A07647, U80742, AJ012755, Y10080, AF079763, AL122110, AF091084, AL122050, AF118090, AJ242859, AL050108, X96540, AF026816, AL049464, AL110280, AF017437, AL117460, I66342, AL137463, AL137271, AL117394, AF111851, AR068753, M30514, X72889, A58524, A58523, AF119337, X70685, I03321, AF090900, U68387, A08912, AL110225, U91329, AF057300, AF057299, A93016, U00763, AF113694, AF118094, AL110196, AF106827, U58996, AF153205, A93350, AF061943, AR020905, AF113677, AJ000937, Y10936, AL133081, AL137459, AF111849, AL133557, E07108, AL050149, AL117435, U35846, A65340, AL049430, Y09972, L31396, A90832, L31397, AL080124, L13297, A65341, AL049466, AL117649, AL110221, AF113676, Y08616, AL050138, X83508, I00734, AF003737, AL137556, AL137526, AL049938, AL133080, I33392, AL133640, AL117583, AL117585, AF017152, X59414, E00617, E00717, E00778, AL133077, X86693, U78525, AL133113, AL133072, AL137480, AL122123, S78214, E07361, A18777, AR013797, AF113019, AL137283, AF175903, AL049283, AF069506, Z82022, AJ238278, Z37987, AL117457, AF177401, AL122093, AL137550, X93495, AL133606, AL137521, X98834, AF081195, AF113013, AL035458, AF078844, AF113690, AF126247, E05822, AL137560, Z72491, AF000301, AL137529, E08631, AF125948, AL049347, AF146568, A12297, AF061573, AR011880, I09360, AF067728, Y11587, I26207, AL122118, AF113691, AB019565, AL133104,

1142	HSPBC14	875665	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 392 of SEQ ID NO:1142, b is an integer of 15 to 406, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1142, and where b is greater than or equal to a + 14.</p>	<p>AL133067, AL050277, AL049300, AF118064, AL137557, AF118070, AF113699, AL137648, AL080158, AF125949, AL133568, AF090896, Y07905, X63574, I08319, AC009501, U72620, I89934, X82434, L10353, E04233, A77033, A77035, AL080159, AF087943, AF000496, U39656, I48979, AF183393, AF026124, AF090903, Y14314, AL133016, AL096744, AJ003118, AF158248, AL133014, AL133665, AL137476, AL133560, S61953, AL080086, AL137538, M86826, X84990, AL133075, AL050116, I09499, AL117440, AF185576, AL050092, AF079765, A03736, AJ006417, AL137292, AF106862, AC002467, I41145, AF162270, A08907, AF100931, AL137478, X62580, AF051325, AR038969, AF047443, AF061795, AF151685, A45787, AL137656, AF081571, T66716 AW439287</p>
1143	HOCNE41	875669	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 407 of SEQ ID NO:1143, b is an integer of 15 to 421, where both a and b correspond to the positions of</p>	<p>AW206400</p>

1144	HCQBE51	875672	nucleotide residues shown in SEQ ID NO:1143, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 252 of SEQ ID NO:1144, b is an integer of 15 to 266, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1144, and where b is greater than or equal to a + 14.	AL134350
1145	HWLWX4 0	875673	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 711 of SEQ ID NO:1145, b is an integer of 15 to 725, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1145, and where b is greater than or equal to a + 14.	AW248502, AA868598
1146	HCRMB51	875677	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 421 of SEQ ID NO:1146, b is an integer of 15 to 435, where both a and b correspond to the positions of	AA251591

1147	HGBBH61	875678	<p>nucleotide residues shown in SEQ ID NO:1146, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 519 of SEQ ID NO:1147, b is an integer of 15 to 533, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1147, and where b is greater than or equal to a + 14.</p>	<p>AA664156, AA767729, AA402095, AI700767, AA401940, AI935241, AW269601, AA345071, AW363622, AW074281, AI888088, AA054585, AW371974, AW362940</p>
1148	HCRNZ51	875680	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 382 of SEQ ID NO:1148, b is an integer of 15 to 396, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1148, and where b is greater than or equal to a + 14.</p>	<p>W24854, AA279745, H29979, AI370512, AI149061, AA401945, AW270474, AC002094, AL021393, AI133163, AC004601, AC006449, AC005684, AI139054, AI109798, AI121655, AL031591, AB023051, AC005249, AL033527, AL035587, AC004966, AC004491, AC002538, AP000512, Z83826, U95739, AC004675, AL031597, Z95152, AF088219, AC010582, AC007057, AL049872, AC000026, AL021939, AC007738, AC002059, AC006538, AC005792, AC009263, AL020995, AC002350, AC006166, AL008732, AL121587, AL079333, AC003071, AC006540, AP000694, AL031005, AC012384, AC002565, AC004263, AC005197, AP000697, Z83822, AL049776, AC006571, AL031056, AC007637, AC004106, AL021578, AC003101, Z84466, AC005952, Z93242, AC006160, AL024508, AP000152, AC007676, AC002365, AL049745, AC005207, AP000008, AC004895, AC005844, AC002119, Z95113, AC004253, AC004685, AF196972, AP000704, AF030453, AC005886, X94768, AL022336, AL049759, AL009181, AC005520, AC005088</p>

1149	H2CAA51	875681	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 526 of SEQ ID NO:1149, b is an integer of 15 to 540, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1149, and where b is greater than or equal to a + 14.</p>	AA306969	<p>AI088910, AW043896, AA005100, AA262517, AI470354, W78980, R89654, AA261819, AI079770, AA037517, AA328236, AI584124, H19672, AI247711, AI217267, AL121782, AB034617, AL121754</p>
1150	HT3AI55	875682	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1467 of SEQ ID NO:1150, b is an integer of 15 to 1481, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1150, and where b is greater than or equal to a + 14.</p>		<p>AI458851, AA142939, AA936413, AI741509, AI335942, AI002201, AA150633, AA446254, AW003610, AI091446, N62521, AI800649, AI880031, AA029154, AA776155, N31764, AA029051, N24835, AI610362, AI582932, AW075413, AI889189, AI433976, AA429993, AL045500, AI433157, AL042753, AI539771, AI923989, AI537677, AI500659, AI801325, AI500523, AI284517, AI500706, AI491776, AI445237, AW151138, AI521560, AI500662, AI284509, AI866573, AI633493, AI434256, AI888661, AI284513, AI888118, AI611738, AI251205, AI275175,</p>
1151	HLWBA37	875683	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1078 of SEQ ID NO:1151, b is an integer of 15 to 1092, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1151, and where b is greater than or equal to a + 14.</p>		

	AI434223, AI554821, AL042551, AI866510, AL036146, AI889168, AI620284, AI815232, AI340603, AI567360, AL046926, AL042787, AI440252, AI499463, AI890784, AW075351, AI800433, AW151136, AL079963, AI678357, AA938383, AW082113, AI270183, AI440239, AL041772, AL045266, AI269862, AI800453, AI537273, AL047763, AL040243, AI436456, AL042628, AI932794, AI963846, AI567940, AI345608, AW301410, AI817244, AI537515, AI612913, AI567993, AI285826, AI863014, AI475371, AI499512, AI889133, AI282281, AL043293, AI334884, AI610645, AI610402, AI917252, AI610429, AI349598, AI889148, AW074993, AI349614, AI364788, AI521594, AL042538, AI632408, AI572787, AA508692, AI312152, AI567935, AI869367, AI630928, AW129106, AL119863, AI432656, AI349937, AI348897, AI307708, AI796743, AI815855, AI538085, AI457369, AW148320, AI539028, AW073994, AI889953, AI281782, AI500077, AW238730, AI590830, AI802542, AW083804, AL042627, AA572758, AI499285, AW274192, AI950892, AL045620, F27788, N80094, AW071417, AI308032, AI345745, AI348854, AI344785, AI805769, AL036396, AI340582, AI866608, AI539847, AI432666, AI434468, AI890833, AI344817, AI926790, AI539632, AI564719, AI612885, AI591420, AI889376, AA420758, AI648663, AL038605, AI524671, AW051258, AW074869, AI873731, AI619502, AI677796, AW268253, AI922901, AI288305, AW118518, AI121496, AI866457, AI913452, AI570807, AW026882, AW050522, AI923370, AI345735, AI281772, AL121286, AI371251, AI345416, AI921248, AI345612, AW188539, AW301300,

	AI702073, AL079740, AI804983, AW269097, AI933589, AL042745, AW169653, AI648684, AW268220, AI334450, AI345415, AW117746, AI274508, AI476046, AI633125, AI345471, AW302988, AI886753, AI698391, AI312428, AI783504, AI572418, AI686906, AI654276, AI349645, AL119049, AI682743, AI866770, AI758437, AI433037, AI873644, AI627988, AI309401, AI343112, AI889147, AW148294, AW089572, AI498579, AI064787, AI349256, AL039276, AI805762, AL041862, AL039086, AL048496, AW059837, AI955917, AI620003, AI446538, AI499986, AI633419, AI554245, AI306613, AI349957, AI284131, AB032963, U72620, I48979, I48978, AF113689, I89947, A08913, X72889, AF090903, AL133565, A65341, I33392, A08916, AL110221, AF090896, AR011880, AR059958, X63574, A08910, L31396, A08909, Z82022, L31397, AF113699, AL117583, I89931, A03736, I49625, AL117457, AL117435, A77033, AF090934, AL050146, E03348, AL050138, AF113690, A77035, AL133016, AL022165, AL122110, S68736, AC006501, AF113677, AL049452, AF106862, AL137538, AF158248, U42766, AF090901, AL050393, AL133606, AJ012755, Y11587, AL049382, AL137459, U80742, AL122093, AL137527, AL080060, AF113019, X82434, AL133080, S78214, AL137271, AF183393, X93495, U35846, E07361, A58524, A58523, AL137550, AL133557, AF091084, AL050149, AF087943, E02349, AL133560, AL050024, AF118070, AL080159, AL049430, AL133640, AF113013, AJ242859, AF177401, AC007877, AF078844, AL122121, AL122049, AL049464, AL122050, X70685, AL117460, AL122098, AF113676, Y16645, AL137557, AL110196, AL050277, AL117585, AF146568, AL133113, AL122123, AF113694, AF017437, AF118064, AF097996, AL049938, U00763,

1152	HE2LP33	875687	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 520 of SEQ ID NO:1152, b is an integer of 15 to 534, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1152, and where b is greater than or equal to a + 14.</p>	<p>AF104032, AL080124, AL133072, AL049466, A08912, I03321, AF118094, AF090943, AF111851, AJ238278, AF125948, X65873, AF079765, AF067728, AJ000937, AF113691, AL133075, AL050116, AL050108, AL137463, AL080137, AB019565, AL049314, E07108, AF090900, AF125949, AF026816, AF003737, S79832, X84990, AF026124, AF061943, AL133093, AL049283, Y11254, A12297, A93016, U67958, AL137648, AF017152, AL080127, AL110225, AL117394, AF022363, AF162270, I42402, L30117, AL049300, AL137560, AL096744, AL137521, X96540, AC004383, I26207, AC007179, S61953, AF008439, I09360, E15569, U91329, AC004686, A93350, AF119337, AF110520, AC002464, AL110197, Z98036, AC004883, U96683, AL133077, AR038969, AL137283, AC006336, X98834, AC007748, AR000496, U39656, AL022147, AL050172, AF111112, AL137526, AL133568, E08263, E08264, U95739, AC006017, AF185576, AL137533, E04233, AF153205, AL133104, AF057300, AF057299, Y14314, AL110280, AL022723, AL117440, AL133014, AC004837, AR034830, I96214, AF106827, AC008394, E05822, AL133665, AF079763</p>
1153	HCRMN10	875688	<p>Preferably excluded from the present invention are one or more</p>	<p>AB021638, AB023431, AC005954</p>

1154	HKMMR6 1		<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 387 of SEQ ID NO:1153, b is an integer of 15 to 401, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1153, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1093 of SEQ ID NO:1154, b is an integer of 15 to 1107, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1154, and where b is greater than or equal to a + 14.</p>	W72774, AI961188, AA985560, AI269056, AA076186, AA541279, N46999, N51479, T67962, N53622, AL080011, AI952780, AI634350, AW055252, AI887163, AA969375, AA218835, N27874, AI540179, AW050850, AI818353, AI927233, AA528641, AA857847, R81679, AI440399, AI491775, AA594699, AA514684, AA721581, AA814782, AI635634, AA834534, AW163834, AI184903, AW149925, AI623941, AI524179, AI784214, AI539153, AA504514, AW132065, AI611743, AA878955, AI583578, AI824688, AI912434, AI683897, AA015749, AA196287, AL042191, AL049872, U62317, AC002471, AC005374, AC004383, AC006013, AC004878, AL022721, AL035458, AC004837, AC005291, AC004797, AC004934, AC006561, AL035587, AC005829, AC003041, AC002558, Z99495, AC005091, AC005156, AL035687, Z82206, AP000255, AC004941, AL034400, AL022165, AF031078, AF109907, AL110280, AP000213, AF030876, AC006017, AC004987, AP000135, AC005815, AC007458, AC006115, AC006222, AP000247, AL078463, AP000344, AC006344, AP000031, AC005488, AL031346, AL050322, AP000697, AL031281, AC005876, AL137270, U95739, AP000130, AP000208, AF207550, AC002464, AL096776, AC002472, AL022400, AC007172, AL133245,
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1155	HUFDC50	875690	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 605 of SEQ ID NO:1155, b is an integer of 15 to 619, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1155, and where b is greater than or equal to a + 14.</p>	<p>AL031732, AL137716, AC004253, AL031984, AC002540, AC007193, AL020997, AF042090, AC006112, U52112, AP000152, AC002430, AF184110, AC002551, AF111168, AC006501, AF130343, AL096791, Z83840, AC005011, AC007384, AL050318 AA489935</p>
1156	HKLAB51	875697	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 517 of SEQ ID NO:1156, b is an integer of 15 to 531, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1156, and where b is greater than or equal to a + 14.</p>	<p>AA542845, AA782986, AW173084, AA971073, AW183046</p>
1157	HCGBB63	875698	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 812 of SEQ ID NO:1157, b is an integer of</p>	<p>AI568430, AI246554, AW027069, AA877169, AW149590, AI183422, AA716169, AI090869, AW005361, AA557127, AA993093, AW161538, AI214928, AI379010, AA506979, AI687187, AA433903, AA642688, AI335958, AI333689, W57684, AI040452, AI275620, AA890300, AI190701, AI290057, AI348102, AA926808, AI031596, N90906,</p>

1158	HRGDD40	875699	<p>15 to 826, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1157, and where b is greater than or equal to a + 14.</p>	<p>AA872078, AI299396, W94366, N41036, AI282284, AI185236, AA453236, AI355169, W94475, AA948179, AW025303, AI146903, AI826491, AA827294, AI193123, AA451693, AI168575, AI268775, AI832661, AA885921, AI318374, W78211, AI797521, AW161473, AI878908, AA676574, W16482, AI140474, W19391, AA453076, AA807423, AW376438, W46807, F27907, H70310, AA746789, H22415, AA873324, AA427994, H18364, W16663, AA826881, H18333, C03502, F35271, F34797, AA375365, F32270, W46925, F35644, AA650485, AA758625, N89448, AA889188, AA494406, AA310092, H70822, AA906816, AA338496, AI335184, AA365661, AI906375, AA341769, AI459562, AA507722, C04086, AA327882, AA625863, F36483, AI906786, AA434582, H44893, W70314, H70823, AA583003, W31888, C01703, AI249827, F28846, H40883, AF044953, X59697 AA827755</p>
1159	H2LAD49	875700	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 600 of SEQ ID NO:1158, b is an integer of 15 to 614, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1158, and where b is greater than or equal to a + 14.</p>	<p>AI674404, AI091450, AA313891, N64362, AA593226, AW135198, D51423, D58283, D80253, D80188, D59859, D59610, D59502, D80227, D57483, D59275, D80022, C14331, D80166, D80366, D80195, D50979, D59619, D81030, D80210, D51799, D80391, D80164, D80240, D59889, D80043, D59787, D80269, D80212, D80196, D80378, D80038, D80219, D59467, D59927,</p>

<p>15 to 594, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1159, and where b is greater than or equal to a + 14.</p>	<p>C14389, D80193, D50995, C15076, D80024, D80241, AA305409, C14429, T03269, D80045, AW178893, D51060, C75259, C14014, AW178775, D51022, D80134, AW352158, D51250, AW179328, D81026, AW177440, AW378532, D80168, AA305578, D51079, D59695, D80251, D58253, F13647, D80522, D80248, C14227, AW178762, AA514188, AW177501, C14298, AW177511, D80133, D81111, Z21582, C14407, AA514186, AW360811, AW378540, AW377671, C05695, AW375405, AW179012, D80268, AW179024, AW178971, D80132, AW366296, AW179020, AW360817, AW375406, AW177456, AW378534, AW352171, AW179332, AW377672, AW179023, AW178905, AW179007, AW178754, AW177714, D59373, AW377676, AA285331, AW360834, D51097, D80302, D80014, AW179004, D80439, AW178906, AW352170, AW177731, AW178907, AW179019, AW179018, D80247, AI557751, AW378528, AW178908, D51103, AW352174, T11417, AW178983, AW178914, AW378543, AW378525, D59627, D80157, T03116, AI557774, D51759, AW178774, AW178781, AW352163, T48593, C06015, D50981, D80258, D51231, AW178755, D59653, T02974, H67854, AW178986, D45260, D51213, AW378533, AW367950, AA809122, D45273, T03048, C03092, AI525923, H67866, C14957, D59503, D59317, H67858, C14344, C14973, AI525917, D58246, AW179013, D80064, C16955, D51221, D59474, D59551, AI525920, AI525237, D60010, AA514184, D58101, AI535686, AI525235, Z30160, AI525227, AI535961, C14046, Z33452, AI525222, AI525242, A84916, A62300, A62298, AJ132110, AR018138, Y17188, X67155, D26022, A25909, A67220, D89785, A78862, D34614, I82448, D88547, AR008278, AF058696, X82626, AB028859, AR025207, Y12724, AB012117, A82595, X68127, AB002449, A94995, A85396, AR066482, AR060385, A44171, A85477, AR008443, I19525,</p>
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1160	HMSGN49	875703	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 345 of SEQ ID NO:1160, b is an integer of 15 to 359, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1160, and where b is greater than or equal to a + 14.</p>	<p>A86792, U87250, X93549, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, AR054175, Y09669, A43192, A43190, AR038669, AR066487, A30438, I18367, D88507, I14842, D50010, Y17187, AFI35125, AR008277, AR008281, X64588, A63261, AR008408, I79511, AR062872, A70867, AR016691, AR016690, U46128, D13509, AB033111, A64136, A68321, AR060133, AR064240</p> <p>AW294985, AI656659, AI950220, AI624744, AW003841, AW081373, AI652917, AA332683</p>
1161	HWLMC49	875704	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 619 of SEQ ID NO:1161, b is an integer of 15 to 633, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1161, and where b is greater than or equal to a + 14.</p>	<p>AA827244, T79702, T82086</p>
1162	HAVME52	875705	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AF109298, AW131127, AI092766, AA149579, N52554, N59831, AA151796, AA687571, AI474235, AA658141, AA296298, AA177004, W31561, AA523588, AI525303,</p>

				nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1408 of SEQ ID NO:1162, b is an integer of 15 to 1422, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1162, and where b is greater than or equal to a + 14.	N59830, AA662843, AA151807, W32120, W32085, W31628, AA523333, AC002064
1163	HCQDP49	875708		Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 499 of SEQ ID NO:1163, b is an integer of 15 to 513, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1163, and where b is greater than or equal to a + 14.	H29023
1164	HCROW44	875717		Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 563 of SEQ ID NO:1164, b is an integer of 15 to 577, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1164, and where b is greater than or equal to a + 14.	T68115, AF090125, AF074264, AC007537, AF074265
1165	HDPHF03	875719		Preferably excluded from the present invention are one or more polynucleotides comprising a	AW237145, AI964041, AI652991, AW388333, AW388283, AW388339, AW388453, AW378440, AW388413, AW388414, AI634155, AW388480,

		<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 651 of SEQ ID NO:1165, b is an integer of 15 to 665, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1165, and where b is greater than or equal to a + 14.</p>	<p>AW388438, AI624430, AI677965, AI492186, AW388607, AW388633, AW388711, AI694383, AI963871, AI015391, N26502, AW388591, AW388449, AW388687, AW388511, N59336, AI352317, AW197113, AW366319, AI476054, AA526522, AW388455, AW388543, N67998, AW388336, AW388273, AW388642, AW388570, AW388358, AI206626, AW352126, H06135, R38073, AA639698, AA227926, AI001745, AW388561, AI267688, AW378421, AW378465, T32854, AW388265, AI619649, R44314, AW388270, AI423703, F10774, AW388586, R37116, T16595, C00538, R40211, H05894, AW388632, AW388615, AA227760, AW352118, AW023625, AW080157, AA693354, AW161156, AW020693, AI590043, AI623941, AI923446, AL079963, AI421662, AI567971, AI469754, AW089844, AA720970, AI696583, AI923989, AI818353, AW129264, AI559752, AL038986, AI500061, AI635082, AW163464, AI401697, AW059828, AW161098, AW020480, AI491842, AI538850, AL042944, AI619820, AI434731, AI114703, AI633125, AI698391, AI802695, AL120700, AI686808, AL040161, AI744204, N25033, AI673278, AI370623, AW168406, AL120526, AL040844, AA641818, AL036954, AA832154, AI610714, AW160916, AI818574, N29277, AW188525, AI538829, AI612747, AL043152, AW151974, AI890907, AI799228, AI817373, AL120588, AL045413, AI539690, AI627988, AI628325, AA907131, AW024921, AI567582, AI247082, AW023338, AI610690, AI884459, AL046942, AI866801, AL134999, AL121014, AI798456, R20540, AI446775, AL048323, AL120056, AL048340, AL047344, N33175, AA937574, AL119863, AI801793, AI440238, AI583578, AW051088, AI244343, AL045986, AI929108, AL135517, AL080011, AW160905, AI285514, AI887308, AI307604,</p>
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	AI374987, AI687568, AI580190, AL043196, AI866131, AI590943, AI699823, AA128805, T95813, AA814990, AI523973, AI815237, AA292158, AI863241, AI285439, AI097137, AI638644, AW169671, AI631076, AA928539, AI824688, AI824576, AI866465, AI872104, AI969655, AI686576, AW087445, AI952306, AI909641, AL036638, AI766348, AL040169, AW151132, AI628850, AI289483, AI457113, AI687944, AI522052, AW021662, AW188390, AI538764, AI682971, AI909697, AI536685, AI815232, AI866090, AI824375, AW162118, AI635950, T66952, AI874238, AW027898, AI687614, AA847198, AI580697, AI631082, AL039274, AW021717, AI421252, AI349012, AF090901, I48978, AL137533, AC007458, AF183393, Y16645, AI2558, AF090934, AF113694, AB016226, AF090900, U68387, AL133049, AF079763, AL050149, AF111851, AF002672, AF115392, M85164, AF114784, AJ005690, A65965, AF126247, AF126488, A65943, AL050172, AF106657, I48979, Y10655, X79812, AL117457, U62807, AF124728, AL050143, Y13350, AL137539, X66871, A77033, A77035, AL137554, AL096744, U72621, AL049452, S61953, AL122050, AB025103, AF090886, AL050116, AF125948, AL137488, AF113690, A65340, M85165, AJ000937, A03736, M79462, AL117635, AF113019, A65341, AL122104, AL133557, AL122093, AL133619, AL050393, AL133665, S36676, AL137459, AL110225, Y07905, X65873, AF008439, AL137550, AL133623, AF111849, AF090903, I00734, U92992, AF087943, Z37987, E00617, E00717, E00778, D83032, I89947, AF078844, AL122110, A08456, AF159615, I09499, AL133113, AF139986, AF182215, AL133560, Y11254, A08913, X89102, A91160, AJ010277, AL137254, A91162, AF192522, I28326, AR066485, X70685, Z82022, I80062, AF017152,

1166	HCRM082	875722	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1063 of SEQ ID NO:1166, b is an integer of 15 to 1077, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AL122100, S83440, AF177401, AL035458, AL137463, A08910, E08516, AF077051, AL049283, AR060156, U42766, A58524, A58523, U75932, A08907, A18777, A31057, AF118094, AL133080, I33392, AL137530, E07108, AJ006039, U73682, E02221, AL080124, AL133559, I89931, AR020905, AL133637, AL080227, E03671, A76335, AF031147, AL050146, AL137660, U78525, AL133031, AL137267, X81464, I49625, A08909, AF082526, AF119336, AL049382, AF004713, I61429, AF026124, AF061795, AF151685, AF004162, AL110222, AL137480, AF131773, AL049430, AL137529, AL023657, X99971, A08912, AR034821, AL122121, AF057300, AF057299, AF104032, X72889, A08911, AF113013, AL050170, AF100931, AL137557, AL117587, AF132676, AF118090, AF061836, AL137658, AL133014, AF146568, S77771, AL137479, AF126372, AL117648, AL137627, AR013797, AL133084, AF162782, AL137471, Y09972, U75304, AL137294, S76508, A18788, AR038854, S78214, AL110159, Y08864, AF113699, AL137560, AF106827, AF118092, AF142672, AB007812, AF185614, U37359, AL133568, AL080129, AF019298, I34395, I18358, AF000167, AF097996, A08908, AF201468, AL133640, AR012379, X72624, AL080110, AL117460, M96857, E12580, U51123, AR068753, AL096728, AL117435, AL122123</p>
				<p>AI819400, AI814979, AA044953, AI689770, AA018062, AI590996, AI760506, AI910522, AL119008, AA135834, AA989500, AW451393, AA988092, AI741134, AA721752, AW316860, AI823528, AI672307, AW451917, AA911199, AI656437, AL119009</p>

1167	HFCDF47	875724	<p>NO:1166, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1163 of SEQ ID NO:1167, b is an integer of 15 to 1177, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1167, and where b is greater than or equal to a + 14.</p>	<p>AI817320, AI147544, AI669712, AA610839, AI955720, AI056448, AI056793, AA402968, AI982764, AA909968, AA643704, AI499360, AW169601, AA832501, AI284966, AW272685, AA665839, AA922928, AA653898, AA470857, AA911776, AI359243, AI423624, AI587214, R14201, AA316613, AA883307, R37484, AA531527, N74317, AI089835, AA915883, AI381713, H04547, AA702343, H04468, AA059276, D30942, W05225, AA401934</p>
1168	HFICJ16	875725	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 684 of SEQ ID NO:1168, b is an integer of 15 to 698, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1168, and where b is greater than or equal to a + 14.</p>	<p>AI394070, AI559997, AC007262</p>
1169	HWLLU74	875727	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1394 of SEQ ID NO:1169, b is an integer of 15 to 1408, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI131018, AA579604, AI719085, AI859045, AW131268, AI814819, AI888714, AA568348, AI342165, AI860466, AA534872, AI914155, AI125453, W72331, W74397, AI300474, AA593735, AI498120, AA879110, AA995383, AI914049, AW449767, R60206, AA587361, AA588397, AI016404, H08009, H11647, AI269377, H12175, H19419, AI358021, T35018, AA470365, R14664, AA588354, H27693, H19418, H27694, H73776, AI337500, AI125449, AW078532, AA369905, Z41279, R45641,</p>

1170	HLMDL53	875728	<p>NO:1169, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 810 of SEQ ID NO:1170, b is an integer of 15 to 824, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1170, and where b is greater than or equal to a + 14.</p>	<p>AA404338, AA935725, AI678765</p> <p>AA700315, AA485611</p>
1171	HODBC46	875729	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 581 of SEQ ID NO:1171, b is an integer of 15 to 595, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1171, and where b is greater than or equal to a + 14.</p>	
1172	HCYBO46	875731	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 472 of SEQ ID NO:1172, b is an integer of 15 to 486, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA305824, AA315640, AW390685, D59502, AA193420, D80043, D59275, D81030, D57483, D59859, D80391, D80024, D58283, D80253, D80196, D59787, D80166, D51423, D80195, D59619, D80210, D51799, D80240, D59927, D80227, D80022, D80212, D80188, D80219, D50995, D80269, D80038, C14389, D59889, C14331, D80366, D80193, D80164, D59610, D50979, C15076, D59467, D80378, C14429, AA305409, D80241, D80045, T03269, C14014, D51060, C75259, D51022, AW178893, D80134, D81026, F13647, AW179328,</p>

			<p>NO:1172, and where b is greater than or equal to a + 14.</p> <p>D80268, D51250, AW178775, AW177440, AW378532, AA305578, D58253, C14227, D80949, AW369651, D80522, D80168, D52291, D51079, AW352158, D80251, D81111, Z21582, D80248, AW178762, AA514188, AI910186, AA514186, C14298, AI905856, AW177501, AW177511, D80064, D80133, AW360811, C14407, C05695, AW352117, AW176467, AW375405, AW378540, AW377671, AI557751, D80132, AA285331, AW177731, D51097, AW366296, AW360844, AW360817, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, AW360834, D80302, AW352171, D80439, AW377676, AW178906, AW352170, AW178907, AW179019, AW179024, D59373, D80247, D51103, AW179220, AW177505, AW179020, AW360841, AW178909, AW177456, AW352174, AW179329, AW177733, AW178980, AW179018, D59503, AW378528, AW178908, AW178754, T11417, AW179004, AW177722, AW179012, D80014, AW178914, AW378525, AW367967, D80157, AW177728, T03116, AW179009, D51759, AW178774, AW178911, AW378543, AW352163, D58246, AW178983, AW352120, AW178781, T48593, D58101, C06015, D80258, D59627, T02974, AW177723, D59653, AW177508, AW378539, C14975, D51213, D45260, AI535850, AI557774, AW378533, AW367950, H67854, AI525923, AW177497, C03092, H67866, AA809122, C14973, AW178986, AW177734, AI525235, AI525917, D45273, D59317, C14344, D51221, D59551, D50981, D59474, AI535686, AI525920, D60010, AA514184, C14957, D60214, AI525227, C14046, T03048, AI535961, AI525242, AI525912, AW378542, AI525925, AI525215, C16955, C05763, Z33452, AI525222, AF060219, A84916, A62300, A62298, AJ132110, AR018138, X67155, Y17188, D26022, A25909, A67220, D89785, A78862, D34614, D88547, AF058696, X82626, AR008278, AB028859, I82448, AR025207, Y12724, AB012117, X68127,</p>
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1173	HCUER32	875733	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1095 of SEQ ID NO:1173, b is an integer of 15 to 1109, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1173, and where b is greater than or equal to a + 14.</p>	<p>A82595, A85396, AR066482, A44171, A94995, A85477, I19525, A86792, U87250, AR060385, AB002449, X93549, AR008443, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, AF135125, AR066490, Y09669, A43192, A43190, AR038669, AR066487, I18367, A30438, AR054175, D88507, I14842, X64588, D50010, Y17187, A63261, AR008277, AR008281, AR008408, AR062872, A70867, AR016691, AR016690, U46128, AB033111, I79511, D13509, A64136, A68321, AR064240, AR060133, U87247, AB023656, U79457, Z82022, AF123263, AR032065, AR060382, X93535, AR008382</p>
1174	HCRNQ45	875734	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 403 of SEQ ID NO:1174, b is an integer of 15 to 417, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1174, and where b is greater</p>	<p>AW168181, AW206649, AI922409, AW080620, AW130528, AI761499, AA653277, AI927432, AW081680, AI167194, AW081694, AL040959, AW206389, AI652360, AA493404, AI652675, AI337391, AI203409, AI339098</p> <p>W39008, AW444757, AW452817</p>

1175	HWLOO86	875736	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 958 of SEQ ID NO:1175, b is an integer of 15 to 972, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1175, and where b is greater than or equal to $a + 14$.</p>	<p>AW007552, AA631188, AI591162, AI597940, AI913964, AI125099, AA514439, AI732368, AA130570, AA524037, AI732382, AI913985, T24883, T24441, Z82216, AL049543, AE000660, AC005145, AL034369, AL031176, AL022158, Z69906, AL049750, AC007486, AL035552, AC008109, AL022164, Z97181, AC004865, AC002412, AC004075</p>
1176	HSPME53	875737	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 429 of SEQ ID NO:1176, b is an integer of 15 to 443, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1176, and where b is greater than or equal to $a + 14$.</p>	
1177	H2CBE48	875738	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 577 of SEQ ID NO:1177, b is an integer of 15 to 591, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1177, and where b is greater</p>	<p>AI807250, AI089251, AI378396, AI650375, AI087818, AA770446, AI493563, AA805923, H75516, AI493544, AI261989, AA307336, C14331, C14344, C14407, D50995, D59927, AA514188, C14389, D80168, C03092, F13647, D58101, D80022, T02868, D80247, C15076, D45273, D80269, D51799, D59503, D80227, D59502, Z33452, D80228, D80188, D59467, AA305720, D59610, D80378, D80241, T03048, AI535961, AI525922, AI525920, AI525238, AI525237, AI525907, AI525903, AI525969, AJ005273, X58472, A62298, AF058696</p>

1178	HCQDJ47	875739	than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 446 of SEQ ID NO:1178, b is an integer of 15 to 460, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1178, and where b is greater than or equal to a + 14.	AW020917, AB007956
1179	HDTKC01	875740	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 553 of SEQ ID NO:1179, b is an integer of 15 to 567, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1179, and where b is greater than or equal to a + 14.	AA521474, AI089721, AW297296, AW181990, AI097236, AI299185, AA931786, AA836613, AA976871, AI279776, R82197, H38948, AI886396, AW078989, W59999, AW235744, H86820, AW265599, AA936252, AA069472, AA987461, AA886940, N42321, AI524654, AI624859, AI572717, AW243741, AI432644, AW104141, AI345688, AI613314, AI682106, AL047344, AI627714, AI686589, AI801152, AI242248, AW023846, AI874166, AI336634, AA641818, AI701097, AI950664, AI345415, AW366372, AI491852, AI620056, AI804515, AW020693, AI582912, AI284034, AL041562, AW263804, AI887569, AW022494, AI619587, AW020288, AA056265, AL036780, AI613038, AI624529, AI669459, AI281412, AW163464, AI586931, AI473536, AI434223, AW083825, AI478902, AI884318, AI567211, AA857847, AI922037, AI799674, H41759, AI355613, AI687809, AW083572, AI923871, AW410430, AI537261, AI478282, AI627896, AI352290, AI679959, AI915291, AW152182, AI702527, AI472566, AI540674, AI436429, AL045163, AW020592, AI349957, AI348969, AI584130,

	AI758924, AI345005, AW438793, AI471909, AI565172, AI249877, AW194014, AI804505, AW263823, AW073677, AI868204, AI633125, AI819545, AI345014, AI538564, AI799189, AI452560, AI655932, AI538716, AI699020, AI682640, AI690813, AW075382, AI309306, AW105431, AW411225, AI698391, AI633061, AI281772, AI520881, AI620643, AI355779, AW024594, AW118518, AI568886, AI638644, AI334893, AI688848, AI273856, AI491710, AI628214, AI434731, AI289791, AI473208, AI889189, AI690748, AI569975, AW081047, AI918554, AI306705, AI340627, AI554186, AI620003, AW073898, AI624157, AW148356, AI499570, AI499986, AI591310, AL045413, AL039274, AW022636, AI963068, AI955906, AI702301, AI471429, AL036923, AI866465, AL135024, AI538829, AI624084, R41605, AI889147, AI446124, AI623941, AA815283, AI500061, AI537677, AI439903, AW103628, AI254226, AI521560, AI521005, AI859644, AI699823, AI890907, AW020397, AI683173, AI670009, AI566003, F28295, AW170635, AI244647, AW088605, AW082532, AA019328, AI631264, AW089572, AW055252, AW090103, AW023871, AW192701, AA665612, AW117675, AI433600, AI440263, AI890838, AW079432, AI866573, AA042949, AI541048, AI784214, AL134712, AW152550, AW263569, AA572872, AI500523, AI538850, AW029317, AI859991, AI536836, AA827691, AI581033, AI925744, AI305157, AI473471, AI345612, AI241744, AI583578, AI349958, W45537, AI288285, AI254814, AA761557, AI345416, AA939199, AI310575, AI868180, AW024360, AW193467, AL039086, AI680504, AI648699, AI886181, AI285439, AA693331, AI433611,

	AI254420, AWO25279, AI678850, AI590043, AW129264, AB023145, AB028449, AL122045, U49908, AL080074, AL122100, X57084, AL122104, AF004162, AL137711, ARO38854, E02152, AF002672, I89947, L13297, A18777, AF118094, I48978, I33391, U42766, AL137558, U88966, E12806, AJ006039, AO8913, U80742, AL137488, AL049324, E03671, AL117626, AL050149, AO8912, AF141315, AF090901, X65873, AL133049, S77771, AF119337, U92992, I89931, U35846, AL117460, AL049466, AF032666, S76508, AO8910, AO8911, I89934, I49625, AO8909, E02253, AF142672, M96857, X06146, AF185576, AO8907, AO8908, I52013, I32738, AL080126, AS8524, AS8523, Y18678, U58996, AF146568, AF119358, AL137539, Z97214, AR020905, AF036941, U72621, AF038440, A18788, AL050015, A86558, AL050208, A77033, A77035, AL133640, AF139986, AL137555, AF019298, AF000145, AL110280, X57961, AF115410, AL137283, AF090943, AF115392, AL137459, I17767, S82852, AL133113, AL049452, AR068466, A15345, AF026816, S75997, S78453, AL137478, X83544, AL137530, X80340, AL137271, AL049314, AL137258, M85165, U86379, AF026008, E12580, AF044323, AF061981, AL133619, AL137465, AF055917, AL035587, A17115, A18079, AL080124, AF067790, AL133637, AJ000937, AL133557, AL110158, E12579, U57352, AL122118, AL117435, E02221, A90832, AF008439, AL137479, I00734, AF113694, S63521, AR068753, AL133558, A65341, X70685, AF069506, X72624, AL050280, AF031147, AF183393, AF159148, Y09972, X54971, I03499, E00617, E00717, E00778, AF016271, AF030513, X66975, AF102578, AF106862, AF057300, AF057299, I89944, E12747, A21103, X63410, Y10823, AF106657, AL050172, AL117416, AF151109, AL080140, AF194030, E06743, AB016226, AF113019,

1180	HCQDI44	875746	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 335 of SEQ ID NO:1180, b is an integer of 15 to 349, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1180, and where b is greater than or equal to a + 14.</p>	<p>A57389, AF113677, X66862, AL049339, Y16645, AL117587, AF087943, AL050277, AF107847, AL133081, AF141289, AF079763, AJ242859, AF047716, AL110221, AF090903, Y14314, AL050116, U51123, AF125948, L31396, AF158248, AL110224, A12297, AL110222, AL137548, L31397, AJ005690, AF061943, AL137476, D83032, AL133665, AL137537, X81464, S83456, AL133067, D83989, AF017437, AF126247, X66871, AL049938, E04233, Y11254, AF038847, U02475, AL080159, AF200464, E15324, AF150103, AL137533, AF199027, U49434, X67813, AF137367, AJ012755, AL050366, AF113013, I29004, X66417, E01573, E02319, AF106945, AL137463, AL110171, X98066, Y10655, AF091084, AF090934, AF100931, S36676, AL049464, AL049382, X92070, AL137281, I26207</p>
1181	HNFGP44	875747	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 365 of SEQ ID NO:1181, b is an integer of 15 to 379, where both a and b</p>	<p>AI133562, AA885881, AI783849, AA829608, AW058434, AL109610, AC005071, Z54246, Z69837, AC005516, AC007055, AC006057, AL078583, AF097732, AC005220, AC006964, AC004030, AC008545, AL049780, U91327, AC006023, AL020997, AL133371</p>

1182	HWLQG44	875751	correspond to the positions of nucleotide residues shown in SEQ ID NO:1181, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 389 of SEQ ID NO:1182, b is an integer of 15 to 403, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1182, and where b is greater than or equal to a + 14.	AW130607, AA976866, R66412, AI289641, AI459945, AC004851
1183	HHMMD4 4	875752	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 403 of SEQ ID NO:1183, b is an integer of 15 to 417, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1183, and where b is greater than or equal to a + 14.	AA262855
1184	HCQAC43	875753	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 629 of SEQ ID NO:1184, b is an integer of 15 to 643, where both a and b	AI880389, N20300, N63913, AW083576, N27569, N98285

1185	HWLUF33	875754	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1184, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 537 of SEQ ID NO:1185, b is an integer of 15 to 551, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1185, and where b is greater than or equal to a + 14.</p>	AA280724, AW369170, R26169, H02035	
1186	HCRPE66	875760	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 553 of SEQ ID NO:1186, b is an integer of 15 to 567, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1186, and where b is greater than or equal to a + 14.</p>	AA922154, AI921318, AA909502, W73883, AC005021, L48427	
1187	HCYBD73	875761	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 552 of SEQ ID NO:1187, b is an integer of 15 to 566, where both a and b</p>	AA700080, AA305107, AI241587, AW295338, AI198105, T07192	

1188	HWTCF43	875765	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1187, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 290 of SEQ ID NO:1188, b is an integer of 15 to 304, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1188, and where b is greater than or equal to a + 14.</p>	<p>W03161, AA372394, AA626628, AL134565, AA321501, AA598424, N46519, AI832184, AF003625, AC004065, AL022401, AC000980, AL022577, AC004066, AC004043, AL023878, AC007313, AC003091, AL031289, AF055066, Z80903, AL049778, AC005017, AC007533, Z73913, AC006257, AL132668, AL021329, AC001017, Z83820, AL031388, AC003976, AC002463, AC012085, AC004051, AL009047, AL022400, AL031673, Z94055, AC016831, AL133239, AL096803, Z83850, AC006197, AF126403, AC006466, AF002223, AC000114, AF036876, AC009891, AL031114, AC006195, AL121595, AL109847, AC006397, AL031116, AL080316, AL008629, AL034412, AL050401, U80459, U96409, AP000127, AP000205, AL009028, Z93929, AF003528, AL022727, AC004057, AF188025, AC006545, AC004010, AC006546, AL009174, AC006313, AP000245, AL031466, AF020801, AC002990, AC005539, AC005352, AP000141, AC008082, AL034351, AC002394, AC005703, AC006207, Z95126, AL133241, AC005939, Z95114, AP000088, AC005859, AL109662, AL022154, AL035695, AC000110, AC007004, AL030996, AL031074, AC002071, AC005337, D87675, AC004959, AL031584, AC004544, AC018633, AC004470, AL049859, AC007243, AL034410, AC004069, AL079306, AL121652, Z68746, Z99572, AL132777, AL035258, AL132774, AC006365, AC004908</p>
1189	HCRNA26	875766	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	<p>AI492910, H27915, R87432, AC004492</p>

1190	HCQDD42	875768	<p>is any integer between 1 to 526 of SEQ ID NO:1189, b is an integer of 15 to 540, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1189, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 475 of SEQ ID NO:1190, b is an integer of 15 to 489, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1190, and where b is greater than or equal to a + 14.</p>	R30734, R58196, AI808768, AI809938	
1191	HCRNN21	875769	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 398 of SEQ ID NO:1191, b is an integer of 15 to 412, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1191, and where b is greater than or equal to a + 14.</p>	H39029, AL133893, AB023167	
1192	HCRNH26	875772	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	AI261627, AW274550, AI418272, AA458605, AW293861, AA731376, AI927518, D80453, AI217860	

1193	HDPWD42	875773	<p>is any integer between 1 to 814 of SEQ ID NO:1192, b is an integer of 15 to 828, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1192, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 266 of SEQ ID NO:1193, b is an integer of 15 to 280, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1193, and where b is greater than or equal to a + 14.</p>	N91462, AI873775	
1194	HTAET42	875774	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 379 of SEQ ID NO:1194, b is an integer of 15 to 393, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1194, and where b is greater than or equal to a + 14.</p>	AC006946	
1195	HMCJK65	875778	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	<p>AA488988, AI658816, AI808265, AI634138, AI695249, AA954672, AW236923, AA495812, AI308233, AA910211, AA488768, W21487, AI014480, AA484868, AW382542, N91779</p>	

1196	HDTGQ43	875779	<p>is any integer between 1 to 923 of SEQ ID NO:1195, b is an integer of 15 to 937, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1195, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 476 of SEQ ID NO:1196, b is an integer of 15 to 490, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1196, and where b is greater than or equal to a + 14.</p>	AA609595, AI034361, AA983577, AA948387, AI660929, AI277113, AA906837, W60817, W60814, R54995, AI828307, R55002, AI927134, AW448912, AW022996, AW020086, AL036634, AL036759, AL036858, AL036924, AL038447, AL037082, AL037639, AL119319, AL036719, AL110306, AI929108, AW071417, AI927233, AI621341, AI307557, AW162194, AL037615, AW084056, AI335214, AL035928, AL037021, AL037643, AL036167, AL038529, AW161202, AI537677, AW087445, AW079432, AW161098, AI349186, AI961589, AI474646, AI887775, AI583578, AL037049, AW151136, AI815232, AW303089, AW163834, AI623941, AW051088, AI270183, AL048298, AI567971, AI471429, AW023351, AI631977, AA580663, AI888665, AI445620, AI500061, AI866770, AL046944, AI285439, AI476076, AI475371, AL040636, AI440238, AI538885, AI889376, AI679550, AW020397, AI445611, AW163554, AI494201, AI679266, AI284509, AA572758, AI499963, AI340519, AI340603, AL045500, AI433157, AI345745, AI702073, AL036808, AI828412, N33175, AA420722, AI521560, AI523806, AW022102, AL040241, AI633125, AL036638, AI698391, AI446373, AI915291, AA514684, AI582932, AW411043, AI889189, AI380329, AI824576, AI241901, AI432570, AL138388, AI345688, AI923989, AI458588, W74529, AI274768, AI254727, AI818728,
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	AI625209, AI866090, AL042551, AI802542, AL119863, AL040011, AW023338, AI345608, AA938092, AI933992, AI554485, AI554821, AL048323, AA259207, AA806719, AI290153, AI801556, AI539771, AI890576, AL048340, AW152182, AI623736, AW366372, H42557, AW022636, R32821, AI500659, AI345471, AI366549, AW269097, AI801325, AI500523, AI582966, AI538867, AI284517, AI499986, AI500706, AI307543, AI491776, AI445237, AW151138, AI434731, AI909661, AW172745, AI500662, AI680221, AI889168, AI345253, AI284060, AL039011, AI344935, AI866573, AI633493, AI433590, AI434256, AI245008, AI589428, AI805769, AI251221, AI888661, AI284513, AA464027, AI702065, AI888118, R75918, AI690948, AI889147, AW020095, AI536601, AI440252, AL047422, AI349957, AI758988, AL043321, AI536912, N29277, AL119836, AW410259, AI886415, AI345677, AI561356, AI352497, H89138, AL037454, AL042365, AL038605, AL119791, AI670009, AI689614, AW075382, AI801793, AA693314, AW089006, AA836168, AL038778, AA579232, AA635382, AW403717, AI866127, AL046466, AA088789, AI334930, AI918435, AL039086, AI802240, AL047344, AW169784, AW089275, AI349937, AI638644, AI560545, AW189301, AI288305, AI699823, AI620284, AI334445, AI866469, AW008353, AL120300, AI678428, AW168875, AI859991, AI582367, AI912434, AW170773, AI249877, AI690813, AI582926, E03348, Z82022, I89947, AL049283, I48978, I66342, AL110159, U67958, Y10655, A08916, AF182215, S68736, AR034821, A08913, AL049347, AL137271, AL080127, AL080140, AF026816, AL137539, A08910, A08909, AL117457, AR011880, Y11587, E03671, AL080159,

			Z97214, AL137627, Y14314, I32738, S77771, AF113689, I89931, X79812, AF087943, AR029490, U75932, AL080060, I49625, S83440, AL117435, AF079765, AL122110, AF069506, AL133075, M92439, AF183393, AL050116, AF158248, AL137550, AF100781, AF113019, AL110296, AL137538, AF026124, Z37987, AR029580, S61953, AL049466, AF125948, AL137292, I48979, AF078844, AL050277, AL133093, AL137554, A07647, AL050146, U80742, U49908, A77033, A77035, I33392, AF061795, AL050149, AF151685, AF177401, AL050138, AL110280, X72889, AF028823, AF118094, AL133640, AL137459, AF079763, AL110221, AL133016, A45787, AL050393, E07361, AF094480, AF090900, AL137533, AL122121, AF057300, AF057299, AL133560, AL133081, AF118092, U86379, AL137711, U87620, AL137656, A08912, Y10080, X82434, AF100931, A18777, A07588, AF113699, AJ238278, AF090903, AL096744, AF180525, AL133606, A03736, AL137521, X63574, AJ005690, AJ012755, AR038854, AL133637, AF113677, AF090943, AR000496, U39656, A08908, X84990, AF017790, M96857, AL137529, I30339, I30334, AL137256, AR068753, AF061573, AL137479, S76508, AL080124, AL137463, AF111112, X63410, AL117648, AL122049, Y16645, A65341, AL137478, AL110196, AL122050, AF141289, AR059958, AL117460, AL133077, AL122093, AL133619, AL133565, X98834, AF113691, AF113690, AF017437, AF097996, AL133080, AF146568, X93495, AL133049, AL137476, A93016, I00734, AL137283, S36676, A65340, X80340, M30514, AF047716, AL049452, AF113676, E00617, E00717, E00778, U68387, AL050108, AL080126, U35846, AF008439, I89934, AF113694, X66862, A86558, AF067728, AL080154, Z13966, AL137648, M86826, AL133568, AL117392, AF081197, AF081195, AL122123, U88966, AF091084,

1197	HT2SF78	875780	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1497 of SEQ ID NO:1197, b is an integer of 15 to 1511, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1197, and where b is greater than or equal to a + 14.</p>	<p>AF207750, A57389, AL117463, AL049938, Y11254, AL137523, AR038969, U90884, E02349, AF106827, AF111849, E15324, E07108, AF015958, U78525, AL133113, AL133072, AL137480, AF102578, AF106862, S78214, A58524, A58523, AF003737, AL137556, AF175903, AL050024, AL049430, I26207, AL117583, X52128, AL117585, AL133557, A93350, E01314, I03321, AF090901, A12297, U91329, D55641, AF090934, AF118064, I09360, AF118070, AL137560, AL122098, AF017152, U00686, AJ003118, AI291051, AA169183, W37412, AA081743, AA634346, W37413, N95342, AA757329, N49251, AI051537, W25251, AI028044, AI765214, H96923, AA844562, AW367898, N84978, N46525, AA169311, Z19468, AC007671, X77922, L43494, D26360, L32867, D45255, U53883, L38677, X84235, AC007544, AF088002</p>
1198	HCRMG60	875781	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 729 of SEQ ID NO:1198, b is an integer of 15 to 743, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1198, and where b is greater than or equal to a + 14.</p>	<p>AA443447, AW386761</p>
1199	HCRNC13	875782	<p>Preferably excluded from the present invention are one or more</p>	<p>AA514691, AI863374, AA634463, AW015540, Z41103, AL046561</p>

1200	HCRPH74	875783	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 495 of SEQ ID NO:1199, b is an integer of 15 to 509, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1199, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 252 of SEQ ID NO:1200, b is an integer of 15 to 266, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1200, and where b is greater than or equal to a + 14.</p>	AW058223, AI891075	
1201	HCQDW41	875784	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 380 of SEQ ID NO:1201, b is an integer of 15 to 394, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1201, and where b is greater than or equal to a + 14.</p>	AA236027, U911326, AF001549, U95742, AC007216, AC002045, AC002039, AC002425, AC002544	
1202	HCRMZ22	875785	<p>Preferably excluded from the present invention are one or more</p>	AA226868, AA668240	

1203	HCQE41	875786	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 420 of SEQ ID NO:1202, b is an integer of 15 to 434, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1202, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 411 of SEQ ID NO:1203, b is an integer of 15 to 425, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1203, and where b is greater than or equal to a + 14.</p>	AA454059, N81040	
1204	HMKCZ06	875787	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 675 of SEQ ID NO:1204, b is an integer of 15 to 689, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1204, and where b is greater than or equal to a + 14.</p>	AI732208, AW007403, AA570148, AI990949, AA974880, AA502007, AA587096, AI748880, AA918155, D25690, AW338222, AA916641, AI732207, AI679197, AA532851, AA877116, R55320, AL031587, AL022322	
1205	HMEGG05	875789	<p>Preferably excluded from the present invention are one or more</p>	AA126720, AA304970, AI245437, C05706, AW074185, AI963381, AI278686, AI673497, AI355944,	

1206	HNTMD41	875792	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2462 of SEQ ID NO:1205, b is an integer of 15 to 2476, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1205, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 616 of SEQ ID NO:1206, b is an integer of 15 to 630, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1206, and where b is greater than or equal to a + 14.</p>	<p>AI254709, AI556972, AA851926, AI696647, R15875, N77782, AI583602, AA424183, AA424252, AA860484, AI590425, AA962253, AI539094, AA872756, C04708, H89906, AI245750, AI015771, AW087562, AW179256, AI857288, C20598, AA688200, AI866350, AI887115, AA370173, AA720604, AA599102, AA594409, AI351720, AI818385, AI859521, AA360027, AI500090, AC006153, AJ250713, T66501</p> <p>AI689837, AW157773, AW134686, AI986479, AI879625, AW18716, AA975403, N90063, AA400229, AA554561, AI202416, AI208155, AI269000, AA480947, H05090, AA400228, AW137275, AI701698, AW392920</p>
1207	HCRNJ24	875794	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 741 of SEQ ID NO:1207, b is an integer of 15 to 755, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1207, and where b is greater than or equal to a + 14.</p>	<p>AA827926, AI860653, AW161711, AI808773, AI636695, AA741501, AA740727, AI889967, AW070423, AI075387, AI754281, AI300905, AI150922, N62430, AA142986, AW243049, T88858, AW298247, N67204, AI866174, AA150916, AI830959, AW361300, AA630806, AC006011</p>
1208	HWABK33	875798	<p>Preferably excluded from the present invention are one or more</p>	<p>AA977204, AA449116, AI377322, AI632071, AI743462, AI700245, AA613327, AL135261, N68390,</p>

		<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 586 of SEQ ID NO:1208, b is an integer of 15 to 600, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1208, and where b is greater than or equal to a + 14.</p>	AA236532, Z3901, AI370677, H17781, T34975, AA936440, AW087776, AI886612, AI653609, AA593199, AA804236, AI285242, AA805442, AI686576, AW263796, AI553645, AW089275, AI927755, AI621341, AI623941, AI698391, AW104724, AI699865, AA848053, AW148536, AI624548, AI472536, AI567582, AI673363, AI537837, AW051088, AI815232, AI538564, AI915291, AW152182, AA908294, AI582932, AI889189, AI866469, AI624056, AI417790, AI884318, AA514684, AW167146, W74529, AI624304, AI609069, AI932794, AL046595, AI491842, AL121328, AI491805, AI590423, AI909661, AI690887, AI969655, AI370623, AW149925, AI865906, AI498067, AI784233, AI888746, AW078606, AW162194, AI624545, AI635492, AI874261, AI863665, AW189301, N33175, AW262491, AI886753, AW169234, AI798456, AI690410, AI917428, AW103878, AW029186, AI631216, AL042382, AI251221, AW265004, AL046944, AI499570, AI742728, AW118518, AW162690, AI866780, AI538885, AI927233, AI818353, AI963846, AW089405, AL043975, AI568138, AI590603, AI564426, AI870190, AI802542, AI440399, AA629959, AI273085, AI686817, AI522052, AW160916, AI635032, AI609409, AI583578, AI473528, AW073865, AI590043, AI207656, AI500061, AI799313, AL036673, AI469270, AI500714, AI225023, AI537244, AW090768, AI565128, AW129722, AI473536, AI499890, AI002285, AI819545, AI469532, AI583065, AI564719, AI288305, AW163834, AI345415, AW088328, AL079963, AW044386, AI702073, AI912356, AI636588, AI241763, AI812107, AI538764, AI913330, AW169671, AI570989, AI269580, AI538716, AW090736,
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	AI624938, AI581033, AI978703, AL043355, AI805603, AW105087, AI345688, AI613038, AI612852, AI934052, AA641818, Z98446, AI247193, AW198090, AW085373, AW148408, AI613270, AL036923, AI570056, AI537303, AW264029, AI439762, AI433157, AI610690, AI640873, AI890907, AI536685, AI891084, AW078729, AI633125, AI670984, AI950729, AW168663, AI638644, AI923989, AL043345, AI249800, AA911767, AI686808, AI701097, AI432969, AI863321, AI623379, AI559619, AI699823, AW193530, AW073270, AI554485, AW079432, AW151136, AI682971, AW105412, AI6555932, AL045500, AI500588, AI677796, AI250852, AI554821, AI538850, AI286256, AI619426, AI873644, AI359586, AI863382, AL119791, AI817523, AI570807, AI439452, AA602414, AI473451, AL138457, AI114703, AA738104, AW088698, AW078529, AI609375, AI633061, Z72491, AL117435, X70685, X72624, AL023657, AF118090, AF090903, I48978, AL137533, A77033, A77035, D83032, AF017437, I89947, AL137292, AL137558, AF113690, S36676, X84990, AF032666, AF146568, AL096744, AF090900, U75304, I08319, E05822, Z37987, A03736, S78214, AL050024, AL133640, AF106657, AR038854, AF069506, AF111849, A08913, AF081197, AL117460, AJ012755, X65873, AF182215, AF113019, AF118094, AL117626, AL117416, AL050092, AF067728, AF180525, AL050155, I09499, AL117648, AL049283, AL050172, AL080148, AL122121, X98834, AL137530, A08912, AF139986, AJ005690, A08910, I79595, AF002985, A08909, U83980, AL133665, I48979, AL133560, X82434, AF090934, Y16645, A08908, AL122050, AF183393, I66342, U78525, Y07905, AL080163, AL137479, AL110280, AL137550, U88966, AF100931, X80340,

				<p>AF031147, AL133016, X59414, E12747, E01573, E02319, AF067790, A12297, AF097996, AL049423, AF125948, AF061573, A08916, X83508, AF081195, A18777, AL122110, I89931, X72889, AL137459, U42766, AF139373, A93350, U68387, AF026816, I49625, A65341, AJ000937, AR034821, AF017152, AL110222, AF106862, X53587, AF076464, Y11587, AL133080, M85164, U96683, AL137529, AF090886, AL110221, E07108, AL117457, AL122118, AF090901, AL137294, E06743, I68732, A15345, X81464, X87582, A83556, AF087943, AL137271, AL096751, AL133031, AF079765, Z97214, AL133558, AL122100, AL050149, M92439, D16301, AF113677, I28326, AL137478, AC006336, AL137488, AL133113, AL110218, S76508, I89934, AF028823, I33392, Y10080, Z82022, AF153205, AF185614, AL133075, AL050116, AF177401, AL133568, AL050138, AL050393, AL137480, A21101, Y10655, AL110196, AL080159, E02349, AL117649, AF061795, AF151685, AJ003118, AF039138, AF039137, U49434, X06146, AR011880, AR013797, AR012379, AJ238278, M96857, I30339, I30334, AL137256, U31501, S68736, AL080129, AL137476, AL137539, S71381, AF078844, AR020905, AF200416, AF111851, A07647, AF185576, S77771, AJ006417, AF091084, Y11254, X83544, AL133081, AF079763, X52128, AF060866, AF142672, AL133557, AB007812, AF061981, AL122093, AL133606, I89944, AL133067, AF113689, AL049430, AL049382, AL080154, I42402, AL122111, AF210052, AL117583, Y14314, AL122045, AF158248, AL117394, AL137705, AL110224, AC004093, AL080118, X61970, A08907, AF113694, AF113699, M86826</p> <p>AA305027, AI167228, AI913614, AC021092</p>
1209	HCYBC44	875800	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	

1210	HWLQA40	875801	<p>the general formula of a-b, where a is any integer between 1 to 769 of SEQ ID NO:1209, b is an integer of 15 to 783, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1209, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 561 of SEQ ID NO:1210, b is an integer of 15 to 575, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1210, and where b is greater than or equal to a + 14.</p>	<p>AI563898, AW072034, AI985652, AW025367, AA568178, AW262766, R60170, AA946920, AI985700, AI341944, AI245652, AW149165, AI453178, R40393, Z39653, F09372, AA594484, T23979, F04421, F10466, F02571, R38571, R40082, F01627, AI978944, AI269816, AI588858, C00343, AI683935, AB033084, AF019638</p>
1211	HWHPI43	875804	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 561 of SEQ ID NO:1211, b is an integer of 15 to 575, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1211, and where b is greater than or equal to a + 14.</p>	
1212	HKCSF43	875805	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AW139161, AI828623, AI675466, AI420850</p>

1213	HQAD39	875808	<p>the general formula of a-b, where a is any integer between 1 to 509 of SEQ ID NO:1212, b is an integer of 15 to 523, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1212, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 738 of SEQ ID NO:1213, b is an integer of 15 to 752, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1213, and where b is greater than or equal to a + 14.</p>	<p>AI309859, AI809088, AI650556, AI377258, AA629018, AW206377, AI968047, AI400261, AI014432, AI014514, AI143472, R02586, AI538164, AW387895, AW237769, AI474528, AA884915, AW387862, AA007677, AI522203, AW382761, X85547, AL080091</p>
1214	HCRNL08	875809	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1074 of SEQ ID NO:1214, b is an integer of 15 to 1088, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1214, and where b is greater than or equal to a + 14.</p>	<p>AI539366, AI769976, AW172437, AA425434, AA425297, AA279085, AI147845, AL119860, AI382211, AA287851, AA747806, AA933947, AA905535, AW204513, AA235991, AI222124, AA368273, AA287818, AA713651, AA972476, AA235795, AA713778, AF117888, AJ001714, AJ001713, L29148, L29135</p>
1215	HCRNY14	875810	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	

1216	HCRQG46	875814	<p>the general formula of a-b, where a is any integer between 1 to 368 of SEQ ID NO:1215, b is an integer of 15 to 382, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1215, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 811 of SEQ ID NO:1216, b is an integer of 15 to 825, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1216, and where b is greater than or equal to a + 14.</p>	<p>AW239403, Z99396, AW392670, AL119522, AW384394, AW363220, AL119497, AW372827, AL119443, AL036418, AL038837, AL119335, AL037051, AL036725, AA631969, AL119319, AL119324, AL119457, U46341, AL119396, AL036858, AL119483, AL119484, AL119363, AL119341, AL119391, AL119355, U46347, U46350, N71828, U46349, U46351, AL119496, AL039074, AL036924, AL042551, AL119418, AL119444, U46346, AL119399, AL042614, AL037205, AL119439, AL038509, AL042965, AL042975, AL134524, AL039564, AL134533, AL134528, AL037085, AL039085, U46345, AL039156, AL039108, AL039109, AL039128, AL042450, AL042984, AL119488, AL037094, AL037526, AL134527, AL134529, AL134538, AL036196, AL036190, AL043003, AL037639, AL042970, AL038520, AL039659, AL042542, AL036767, AL119511, AL042544, AL037082, AL043019, AL043029, AL036268, AL039912, AL037077, AL038447, AL036238, AL119464, AL038851, AL036774, AL042909, AL036733, AL036998, AL037027, AL037178, AL037615, AL036765, AL036719, AL036679, AL036191, AL036886, AL039410, AF105376, AC005411, AF105377, AF168992, AC005224, A81671, AR060234, AR066494, AC005375, AR023813, AR064707, AR069079, AR054110, AB026436</p>
1217	HCRQK63	875815	Preferably excluded from the	M59710

1218	HWLVS38	875816	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 503 of SEQ ID NO:1217, b is an integer of 15 to 517, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1217, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 760 of SEQ ID NO:1218, b is an integer of 15 to 774, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1218, and where b is greater than or equal to a + 14.</p>	<p>AI671182, AI343459, AA071514, AI917350, AW235354, AA648922, AI985626, AA082291, AI857422, AW139217, AA341262, AI800535, AA913262, Z99396, AL119457, AL119324, AW392670, AL119443, AL119399, AL036418, AL038837, AA631969, AL037051, AL036725, AW384394, AL036858, AL039074, AW363220, AW372827, AL119483, AL119418, AL036924, U46349, AL119497, AL119484, AL037094, U46347, U46351, U46350, AL119355, AL119319, AL119335, AL038509, AL039564, AL039085, AL039156, AL119363, AL119391, AL039108, AL039109, AL039128, AL119439, AL036196, AL036190, AL119444, U46341, AL119522, AL119341, AL037639, AL119396, AL036767, AL037526, AL134527, AL037085, AL119496, AL037205, U46346, AL038531, AL134538, AL036268, AL037082, AL038520, U46345, AI142134, AL038447, AL037077, AL037027, AL037178, AL037615, AL038851, AL036998, AL036733, AL036774, AL036719, AL036765, AL036679, AL036174, AL036191, AL036158, AL036836, AR060234, AR066494, AR023813, A81671, AR064707, AR054110, AB026436, AR069079</p>
1219	HCRNT27	875817	<p>Preferably excluded from the present invention are one or more</p>	AL035461

1220	HCRMT24	875819	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 542 of SEQ ID NO:1219, b is an integer of 15 to 556, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1219, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 134 of SEQ ID NO:1220, b is an integer of 15 to 148, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1220, and where b is greater than or equal to a + 14.</p>	AC007254	
1221	HCRNQ33	875820	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 315 of SEQ ID NO:1221, b is an integer of 15 to 329, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1221, and where b is greater than or equal to a + 14.</p>		
1222	HWLUO71	875821	<p>Preferably excluded from the present invention are one or more</p>	T49153	

1223	HTXRZ02	875822	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 466 of SEQ ID NO:1222, b is an integer of 15 to 480, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1222, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1285 of SEQ ID NO:1223, b is an integer of 15 to 1299, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1223, and where b is greater than or equal to a + 14.</p>	<p>AI193178, AI076316, AI470965, AA703140, N34056, T80181, AI241153, AI952208, R37322, AA385859, W86007, N46975, AA700249, T48765, T87488, R97030, AC004150</p>
1224	HWMB04 7	875824	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1048 of SEQ ID NO:1224, b is an integer of 15 to 1062, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1224, and where b is greater than or equal to a + 14.</p>	<p>AW027620, AI478256, AA977072, AA479381, AA479885, H39098, AI660057, AI743611, AA724117, AA894537, H00481, AW304843, T73210, AI953325, AA102063, AA770698, AA428456, AI370710, R60534, C03787, AB020650</p>
1225	HCQCC37	875825	<p>Preferably excluded from the present invention are one or more</p>	AL046573

1226	HUVGY13	875826	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 594 of SEQ ID NO:1225, b is an integer of 15 to 608, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1225, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 875 of SEQ ID NO:1226, b is an integer of 15 to 889, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1226, and where b is greater than or equal to a + 14.</p>	<p>AA527277, AW403876, AW403877, AA112026, T67786, AI336206, AI472267, T11388, AI613487, AI889648, AI168361, D25667, AA586553, T18557, T67710, AI445768, AI567831, AI744381, AI921692, AI274006, AI042027, AI240308</p>
1227	HPMFM59	875828	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 725 of SEQ ID NO:1227, b is an integer of 15 to 739, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1227, and where b is greater than or equal to a + 14.</p>	N29001
1228	HCROI42	875832	<p>Preferably excluded from the present invention are one or more</p>	<p>AI378825, AI299691, AI248716, AI207012, AI025488, AI801275, AW139379, AI075931,</p>

1229	HACBB04	875833	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 477 of SEQ ID NO:1228, b is an integer of 15 to 491, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1228, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1582 of SEQ ID NO:1229, b is an integer of 15 to 1596, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1229, and where b is greater than or equal to a + 14.</p>	<p>AI129182, R56213, AI868688, AI540526, AI352622, AI887854, AB014521, AF141884, AC004782</p> <p>AI348155, AI567487, AA482559, AA426355, AA482412, AA195102, N32669, AA722595, AW274254, AI859721, AI003615, AW242302, AI494186, AI394631, AL043629, AI824406, AI015872, AI284359, AW139669, AI942272, AA010713, AI290543, AA496459, AI364660, AI758530, AI368521, AI872567, AI423266, AF192529</p>
1230	HMMAC3 4	875834	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 566 of SEQ ID NO:1230, b is an integer of 15 to 580, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1230, and where b is greater than or equal to a + 14.</p>	
1231	HDPFA20	875836	<p>Preferably excluded from the present invention are one or more</p>	<p>AI476641, AI800220, AA523781, AA688160, AW274475, AA279690, AA831827, AA480351, H23404,</p>

1232	HTGBQ40	875837	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1662 of SEQ ID NO:1231, b is an integer of 15 to 1676, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1231, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 380 of SEQ ID NO:1232, b is an integer of 15 to 394, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1232, and where b is greater than or equal to a + 14.</p>	<p>AA810727, AI689632, AA353334, R28470, AA927802, Z45246, AA279721</p> <p>AI650736, H21389, AI336480, H21432, AI264947</p>
1233	HDPWD53	875838	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 487 of SEQ ID NO:1233, b is an integer of 15 to 501, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1233, and where b is greater than or equal to a + 14.</p>	
1234	HCROZ63	875839	Preferably excluded from the present invention are one or more	T08857

			<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 347 of SEQ ID NO:1234, b is an integer of 15 to 361, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1234, and where b is greater than or equal to a + 14.</p>	
1235	HWABJ67	875840	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 534 of SEQ ID NO:1235, b is an integer of 15 to 548, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1235, and where b is greater than or equal to a + 14.</p>	<p>AI743586, AA773043, AI378041, AI653756, AW021263, AA934444, AI051436, AA525488, AA515054, AA737382, AI561320, AI566429, AI500523, AI590021, AW169671, AI890838, AI619607, AI890214, AI312428, AI499381, AI624693, AI500061, AI283760, AI340519, AI934035, AI637584, AW021717, AI633330, AW198090, AW087462, AI684279, AI493567, AI609594, AW129659, AI683475, AI906328, AI539153, AI673363, AW081298, AI889133, AL039132, AI963068, AA928539, AI802542, AI251221, AI571439, AI670002, AI591420, AL037454, AI288285, AI698391, AW089840, AI560012, AW169604, AW089439, AI564736, AI285448, AW051212, AW192652, AI633125, AI609331, AI439452, AI963846, AW192701, AA470523, AI471909, AI921379, AI686554, AI609128, AI915291, AW274192, AI610690, AI270183, AI432656, AI929108, AI926790, AI889189, AA769285, AW129106, AI815239, AA768550, AI758583, AL036705, AW163834, AL036780, AI624548, AI887308, AW161098, AI678496, AL039858, AI702073, AI624084, AI246905, AI890223, AL042365, AI524671, AL037582, AL036361, AL037602, AI345543, AA916372, AI702343, AI582932, AL120676,</p>

	AI634224, AI623941, AI521560, AL119863, AI932794, AI525669, AA420722, AI690748, AL045929, AI538116, AL038715, AI433157, AI623799, AI798456, AL119748, AI916419, AI813914, AA938092, AW080746, AI286256, AI572021, AI281762, AI921464, AI301710, AI950892, AI619754, AI812107, AI799273, AI863241, AI284484, AI688858, AI539780, AI871923, AI969655, AI570807, AW169132, AW051088, AI345666, AW105429, AA805434, AI918435, AI758694, AI340603, AI670009, AI923989, AI619777, AI682106, AI570169, AI500588, AI306705, AW268122, AI815232, AI525653, AI923370, AI932966, N33175, AW071349, AI912356, AL042745, AA603930, AL042544, AI925502, AI241678, AI702433, AI348854, AI922689, AW190297, AA807015, AL134830, AI673422, AI801325, AW080090, AI433590, AI619502, AI648699, AI859429, AI270099, AI473554, AW020693, AI912496, AI583085, AW163823, AI636588, AI497733, AI874166, AL045500, AI538829, AL119836, AI610402, AI800440, AI612913, AI499393, AI273094, AI345415, AI207656, AW366372, AI866770, AL036631, AI611743, AI537677, AI768496, AI473208, AI874243, AI498067, AI471540, AI799158, AL110306, AI824576, AL048323, AI817545, AL048340, AW152182, AW087445, AW148536, AI499285, AW168001, AI624545, AW129722, AA767039, AW151138, AL047100, AI702068, AI697137, AI473536, W74529, AI815237, AI310575, AW151786, AW151136, AW118508, AI859464, AI612107, AI452707, AI572787, AI340533, AI494201, AI917252, AW152459, AW193911, AW078729, AI362522, AI862139, AI874261, AL079741, AI933589, R36271, AF116545,

	AF116548, AF116547, AF116546, AL133031, AL137538, AL050116, AF111851, I89947, AF090943, AR053103, AL137271, AF069506, AL133557, U35846, AL133080, AL133072, A08910, A08909, I48978, A77033, A77035, AL078602, AL049382, U42766, A65341, E02349, X72889, Z82022, A08913, AL117435, AL122121, M27260, U89295, A58524, A58523, AL133560, AL035587, AL080159, AF183393, AL117460, AL133075, AF090903, AL050149, AF125948, Y07905, AL122110, AC007172, U68387, AL137550, AF113691, AC002471, AC005374, AF113690, AF017437, AF067728, AL049283, AL137459, AF090900, AF106862, S61953, I89931, AL133558, A08916, Y10655, I49625, U92992, I33392, A21625, AF200464, AL110225, E01573, E02319, AF100931, AL117457, Y11587, A76335, AF141289, AL133113, AL050138, AF057300, AF057299, Z83840, X70685, U73682, AC007458, X83508, X82434, AF019298, AC006978, S78214, AL117648, AF091084, AF113019, AF113677, AF153205, AL110221, AL049452, U91329, AF140224, AL080124, AF126247, AL050277, A08908, AL137560, I48979, AF077349, Y13653, AL035458, AF118094, AF087943, AL133640, AL117585, I03321, AF180525, U80742, AL137480, E08516, I00734, AL137463, AJ001388, M19658, A65340, AF118070, AJ242859, AR059958, AF185614, E00617, E00717, E00778, AL137479, AL137476, AC004383, AF078844, X87582, AJ000937, AF106697, AF158248, AL050108, AL133568, AL133565, AJ005690, AJ012755, M84133, A26498, AF076464, U67958, AL122093, AF102578, AL110280, AF118558, AF106827, U00763, AF082526, Y14314, AF177401, S68736, AL117394, A08912, AL137521, AF104032, AF026816, AF097996, U83980, AF079763, X52128, AP000697, AF026124, AL050146, AL050393, A03736, AL049314, X72624, AL117583,

1236	HCRMY91	875841	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 852 of SEQ ID NO:1236, b is an integer of 15 to 866, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1236, and where b is greater than or equal to a + 14.</p>	<p>M77345, AL137256, AF090896, AJ006417, E05822, AR038854, A21103, AL137283, AF118064, AL049938, E03671, AL049430, AR015970, AL137648, X84990, AL122098, AF017152, AF047716, AL133016, I09499, AF079765, X63574, X98834, AL122123, AR011880, AL049423, AF167995, AF119337, AF113694, AL049464, AL137557, AC002464, X96540, AR038969, AJ238278, AL080139, U37359, AL133014, AF030513, A90832, U72620, AF126372, AF003737, X66862, Y16645, M30514, AL110296, I17767, AF044221, X92070, 237987, AF026008, L31396, AF146568, AI2297, L31397, AC002480, AF061943, AF113013, AF100781, AL133067, AF090934, S63521, AL050024, AL134431, AA046904, H05571, R11919, W79925, R11987, R55079, R84811, R53363, H10691, F11225, AA354088, R22842, R19546, AI803682, AI198775, AA452378, AA040404, AI150653, AA307589</p>
1237	HNTRA39	875845	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 785 of SEQ ID NO:1237, b is an integer of 15 to 799, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1237, and where b is greater</p>	<p>AI889332, AI628477, AI275204, AI633956, AW079861, AW118929, AA911538, AI342851, AW300007, R91897, AI623866, AW204145, L44538, AA011077, AI648696, AI914833, AI521684, X62311</p>

1238	HCRPW33	875846	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 705 of SEQ ID NO:1238, b is an integer of 15 to 719, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1238, and where b is greater than or equal to $a + 14$.</p>	AA315737, AA476814
1239	HFCFI37	875848	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 325 of SEQ ID NO:1239, b is an integer of 15 to 339, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1239, and where b is greater than or equal to $a + 14$.</p>	AL120789, AC003007, AC005632
1240	HCQCL72	875849	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 215 of SEQ ID NO:1240, b is an integer of 15 to 229, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1240, and where b is greater</p>	AI817147, AA907222, H51868, AA281655, AA361371, AI301198, AA911728

1241	HCQCT09	875850	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 1061 of SEQ ID NO:1241, b is an integer of 15 to 1075, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1241, and where b is greater than or equal to $a + 14$.</p>	<p>AW021240, AA535264, AA149863, AA694163, AI422346, AI472109, AI811633, AA931734, AI419485, AI302192, AI288249, AA410584, AI418912, AI049618, AI089786, AA911728, AA149808, AI700267, AI299240, AA501370, AI814823, AA232714, AI865849, AA232212, AA825451, AI718827, AI281840, AA932086, AI283229, H60430, AI471234, H60476, AA631685, AA576637, AI301198, AI949336, AA368973, AA236013, C01314, AI860871, AA361371, AA281786, AA327052, AA907222, AI857607, AI817147, AA281655, AA411619, H51868</p> <p>AC006512, U47924</p>
1242	HCRMR12	875851	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 322 of SEQ ID NO:1242, b is an integer of 15 to 336, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1242, and where b is greater than or equal to $a + 14$.</p>	
1243	HCI AE18	875852	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 738 of SEQ ID NO:1243, b is an integer of 15 to 752, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1243, and where b is greater</p>	<p>AA524300, AI732383, AA570296, AI732336, AA515389</p>

1244	HHFHU39	875855	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 750 of SEQ ID NO:1244, b is an integer of 15 to 764, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1244, and where b is greater than or equal to $a + 14$.</p>	<p>AI271571, AA452037, AI424866, AA423988, AA483361, AI266636, AA742931, AI266634, AA424028, AA702780</p>
1245	HCQAW29	875856	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 354 of SEQ ID NO:1245, b is an integer of 15 to 368, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1245, and where b is greater than or equal to $a + 14$.</p>	R33721
1246	HBM3DM3	875858	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 497 of SEQ ID NO:1246, b is an integer of 15 to 511, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1246, and where b is greater</p>	AA857451, AA857804

1247	HKLSD32	875863	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 417 of SEQ ID NO:1247, b is an integer of 15 to 431, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1247, and where b is greater than or equal to $a + 14$.</p>	AA405791, AI524014, AI380383, AW082968, AW342068, AA911893, AI824001, AI692746, AI433518, AI949654, AW170143, AI277105, AI266424, AI272885, AI318386, AI937056, AW058565, AW028276, AI075130, AI632588, AI393303, W99355, AI470310, H87135, AI807925, AI027883, AI695062, AI277524, AI201665, AA099404, AI471922, AA384650, AA364750, AA099465, AI359471, AI961082, AW338912, AW302395, AI702221, AW059776, D20616, AF086516, AI653206
1248	HYACE34	875864	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2044 of SEQ ID NO:1248, b is an integer of 15 to 2058, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1248, and where b is greater than or equal to $a + 14$.</p>	AI492300, AA155864, AI336122, AA507001, AI805390, AA213868, AA504365, AI805573, AI267513, AA480597, N28434, AA829763, H86647, W99382, R82575, AA213776, AW402251, AI277875, AI220789, AA405669, AA281807, AW023046, AA025280
1249	HNTTC18	875865	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 929 of SEQ ID NO:1249, b is an integer of 15 to 943, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1249, and where b is greater</p>	AL041644, AI652238, AI125934, AI972064, AI373883, AA401082, AA403146, AA587259, AW152027, AA648691, AA632889, AA572909, AA528434, T52508, T04918, T63002, AI625085, AI817337, AA922661, AA091326, M27878

1250	H2CAA34	875868	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 2217 of SEQ ID NO:1250, b is an integer of 15 to 2231, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1250, and where b is greater than or equal to $a + 14$.</p>	<p>AA913891, AA071067, AW247518, AA125853, R56714, AA576929, AA307834, AA204972, AA445946, H98812, AI028402, AA127005, AA23811, AA101503, R72151, H53723, H06566, H29389, AA182597, AA126153, AA232436, AA306744, T35189, AA164773, AI458548, T70821, R10266, Z21129, AW386767, AA436573, AI610191, H29413, AA301432, AA724488, AW449887, AI242268, AI525912, AW368592, AW377757, AW390796, AA344660, AA307848, AA715437, AW361336, AI248847, AL040968, AA938368, AW361341, AA676800, AW368596, Z21101, AW451729, AF191018, Z94761</p> <p>AA436794, R09306, AA384577, AC006211</p>
1251	HWLQA33	875871	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 398 of SEQ ID NO:1251, b is an integer of 15 to 412, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1251, and where b is greater than or equal to $a + 14$.</p>	
1252	HCQCT65	875874	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 402 of SEQ ID NO:1252, b is an integer of 15 to 416, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1252, and where b is greater</p>	

1253	HWHPI50	875884	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 2721 of SEQ ID NO:1253, b is an integer of 15 to 2735, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1253, and where b is greater than or equal to $a + 14$.</p>	<p>AW026114, AW418826, AW341657, AA910088, AI860171, AW190146, AI700326, AI089986, AI670850, H18740, AI093699, AI159857, AA996095, AI401266, AI240251, AW242162, AA594503, AI056938, AI854216, AA506903, AA426024, AA724498, AI263294, T75461, Z43179, AA443290, H25984, AA514196, R61755, AA526102, AA476713, F13159, T19223, Z39262, AA705253, AA609888, AA659875, F02603, R34659, AA319603, AA759148, R49189, AI538091, F13136, R61756, R21716, AA300990, F06309, F10761, AI865079, AW337918, AI889018, AA834239, AA096413, AI242996, F06308, H18653, AA774400, R46606, AW382812, N53750, AW382785, AL121653, AL121658 AI703451</p>
1254	HCRQD12	875886	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 679 of SEQ ID NO:1254, b is an integer of 15 to 693, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1254, and where b is greater than or equal to $a + 14$.</p>	
1255	HNHHM31	875888	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 448 of SEQ ID NO:1255, b is an integer of 15 to 462, where both a and b correspond to the positions of</p>	<p>AA644044, AW135276, AA887861, AW137420</p>

1256	HCRQG23	875891	<p>nucleotide residues shown in SEQ ID NO:1255, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1023 of SEQ ID NO:1256, b is an integer of 15 to 1037, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1256, and where b is greater than or equal to a + 14.</p>	<p>AI022242, AW410996, AI800815, AI814040, AW264268, AI191425, W72080, W94651, AW015105, AA443454, AA443318, AW410985, AI597605, AW273210, AW250450, AW411145, AI190182, AA993201, AA403278, AA430513, W94612, W96124, N54325, AI357461, AA190985, W77863, AA643738, AI120980, AI113214, AA858265, AA993185, AI375010, AI498876, AA829321, AA701490, AA132962, AA287691, AI277849, AI301164, AA251325, AW015857, AA403106, W60258, AA084833, AI253793, AA775859, W05830, AA243176, AI038024, AA766410, AA805677, AI049993, AA775554, AI039481, H80596, AA196760, AA430648, AA804241, N77873, W96125, R69970, H80623, AI219581, H67651, AA190668, C01701, AI352459, AI275174, AA732213, AA128877, H30387, N23878, T12121, AI015455, H80540, AI220709, H67511, H18761, AA485022, AA251518, AA243193, AA505285, AA779102, H82765, AA570290, H52438, H67114, H71899, R69971, H52437, AA187869, AA505681, H67510, AA626883, AA232342, H71112, AA995473, AA456466, AI142314, H80657, AA454572, AA213633, AI119457, AI119399, AI119324, AL042544, AL1134524, AW392670, AL119484, AL119439, AL119443, Z99396, AW372827, AL119391, AW363220, AL119319, AL134530, AW384394, AL119522, AL1134519, U46347, AL119497, U46350, AL119363, AL119418, AL134528, AL119483, U46351, AL119355, U46349, U46341, AL119341, AL119335, AL119396, AL119444, AL119464, AL119496, AL043003, AL037205, AL042614, AL119401, U46346, AL134525, D21063, D83987, X67334, AF004105, D86725, AR060234, AR066494, A81671, AB026436, AR054110,</p>
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1257	HKLSB39	875894	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1257 of SEQ ID NO:1257, b is an integer of 15 to 1271, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1257, and where b is greater than or equal to a + 14.</p>	<p>AR069079, ARO43113 AA595346, AA243787, AA024609, AA024578, AA076356, AA076467, AA760927, AI272832, AA243135, HI7412, F06362, R25565, AI829044, AA400326, T26645, AA243569, AW020146, AI744718, AW384427, AA768909, AA743098, T77293, AA024577, AA723998, U35376, D70831, AC002519, AF038179, AA400327</p>
1258	H2CBN05	875897	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 835 of SEQ ID NO:1258, b is an integer of 15 to 849, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1258, and where b is greater than or equal to a + 14.</p>	<p>AA307799, AW292094, T70856, AI161296, AA235668, AW296027, AI699099, AI693823, AI693216, AI992018, AA115026, AI681528, AA136109, AA732568, AA776036, AA643914, AA258666, AA416754, AI061590</p>
1259	HCQDT85	875899	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 608 of SEQ ID NO:1259, b is an integer of 15 to 622, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1259, and where b is greater</p>	<p>AI500310, AI672249</p>

1260	HARAJ31	875900	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 457 of SEQ ID NO:1260, b is an integer of 15 to 471, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1260, and where b is greater than or equal to $a + 14$.</p>	AA317663, Z65370	
1261	HCRMQ35	875904	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 633 of SEQ ID NO:1261, b is an integer of 15 to 647, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1261, and where b is greater than or equal to $a + 14$.</p>	AI589507, AW009664, AA703098, AI453542, AA532750, N67298, AI148172, AI095316, AA708739, AW022331, AI601197, AI457493, AI580184, AA922944, AI922763, AI023347, AI096333, AA633368, AW023348, AA477261, AA693591, AI870748, AW274004, W78756, AI298179, W78055, AI057523, AI126504, AI248086, AA873476, AI679385, AI679894, AI190295, AW073346, N21034, AA039311, N22989, AA508686, W80491, W86880, AI361360, AI540214, AA938881, W79149, AW368422, AI432392, AI078371, R61323, AA039411, AA932937, AA829705, AW073773, AA002095, N67361, H59053, AA076438, AA535629, AA912096, W21314, AA610431, AI936749, T66278, AW405920, F12299, N44193, AA508849, AA884012, AA890651, W81519, N93501, AA480270, C00277, R38195, AI332894, T16604, W21320, R44910, N78644, AI478709, AI125999, AI590819, AA558779, AI300933, AW263399, AI085918, AA974965, AI741413, N93508, W81635, AW194811, N93088, AI630149, R56244, W24742, AW205755, AA991876, AI972554, AA004362, AI989930, AI760486, AI491861, AI581783, AA991538, AI969278, Z39245, AI650517, AW361735,	

1262	HMUBG30	875905	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 822 of SEQ ID NO:1262, b is an integer of 15 to 836, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1262, and where b is greater than or equal to a + 14.</p>	<p>AW361839, U90904, AI242039 AA459525, AA402831, H93300, W45229, AC004806, AC004056, AL031116</p>
1263	HCOAH30	875906	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 298 of SEQ ID NO:1263, b is an integer of 15 to 312, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1263, and where b is greater than or equal to a + 14.</p>	
1264	HWDAH30	875907	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 176 of SEQ ID NO:1264, b is an integer of 15 to 190, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1264, and where b is greater</p>	<p>AF161019, AJ131890</p>

1265	HCQAM30	875908	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 557 of SEQ ID NO:1265, b is an integer of 15 to 571, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1265, and where b is greater than or equal to $a + 14$.</p>	<p>AA431300, AW450428, AI688064, AI768150, AI123686, AW242691, AI052046, AA890607, AA758061, AA609531, AI797591, AA723978, AA934785, AA431657</p>
1266	HAGEA31	875912	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1460 of SEQ ID NO:1266, b is an integer of 15 to 1474, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1266, and where b is greater than or equal to $a + 14$.</p>	<p>AA305680, H64054, AA159569, AA378423, AA321559, AA237093, AL117344</p>
1267	HCROZ66	875913	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1391 of SEQ ID NO:1267, b is an integer of 15 to 1405, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1267, and where b is greater</p>	<p>AI823992, AW082308, AI816135, AI589007, AI566535, AW272765, AA766315, AW242239, AA279943, AI816094, AI014927, AI038579, AA578848, AI476548, AI354483, AA973322, AA992180, AI392988, AA327978, AA769228, AA506076, AI553752, AI370562, AA172248, AA343765, AI282882, AA279942, AA506075, AL137710</p>

1268	HDPBY50	875914	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1439 of SEQ ID NO:1268, b is an integer of 15 to 1453, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1268, and where b is greater than or equal to $a + 14$.</p>	AI819116, AW372211, AW372198, AI583182, AA176112, AW134519, AI628367, AI478195, AA143793, AI394104, AI697987, AI675294, AW390678, AI768078, N24394, AA101252, AI830602, AI628409, AI438987, AI810299, AA020980, R22198, AI890121, AI671411, AA733134, H44639, AA581997, AI862828, AW139467, AI866902, AA857679, H97045, AA465732, AA340274, AA974904, AA731664, AA494109, AI811317, AI338111, R78337, H99145, AI200103, AA291168, AA731663, AA327229, AW363178, AA021065, D79177, R77963, R22252, AI581618, AA026878, AA501786, AA216611, W32118, W31626, H43598, AA148177, AA730560, AI472513, AA465134, C75353, C01240, AA978055, AW369487, AA731711, AI538764, AA731241, AL042191, AW193620, AW025279, AI096771, AW243451, AW150750, AW029457, AI537187, AI421662, AI571442, AI224373, AI433611, AI491710, AI696583, AA830333, W45039, AI927233, AI671429, AI370623, AW021717, AW150214, AI095530, AI289791, AA613255, AW089379, AW020455, AL045859, AW168700, AI678681, AL040011, AI633125, AW194014, AI351737, AI831938, AI499325, AI491852, AI699020, AI678446, AI468622, AI932660, AI886355, AI952797, AI696714, AI817733, AI889449, AI309306, AW080157, AW087837, AA761557, AI656270, W38553, AW167926, AI493836, AW021662, AW002327, AI524139, AW089844, AA630788, AI954721, AI568293, AA760851, AI470717, AI342210, AA954134, AI445620, AW163834, AI613038, AI623835, AW410842, AW083750, AW023871, AA923096, AI867017, AI368579, F36855, AI886452, AI680369, AI658566, AI801325, N22276, F37323, AA829775, AI923989, AI690813, AI538885,
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1269	HDTKD18	875915	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1339 of SEQ ID NO:1269, b is an integer of 15 to 1353, where both a and b</p>	<p>AI796221, N64043, AA036820, AW237633, AA485589, AA036775, AA485425, AI270597, AI242326, AW001030</p>

1270	HHPGT16	875923	correspond to the positions of nucleotide residues shown in SEQ ID NO:1269, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1555 of SEQ ID NO:1270, b is an integer of 15 to 1569, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1270, and where b is greater than or equal to a + 14.	AI307250, AI271439, AI650441, AI017475, AI251828, AI672237, AI374969, AI350623, AI334985, AA483351, AA251224, AI146704, AI000570, AA442545, AA629033, AW002826, AA489129, AI491723, AI208598, AI886308, AW149502, D45489, AL049146, AI143491, AW020704, AW022820, AW369852, Z43342, AI221861, AA779644, AI221998, AL079690, T18542, AB002371, AL049382, AF176816
1271	H2CBF28	875924	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 559 of SEQ ID NO:1271, b is an integer of 15 to 573, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1271, and where b is greater than or equal to a + 14.	AA461032, AA307375, AF155739
1272	HCQDM28	875925	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 768 of SEQ ID NO:1272, b is an integer of 15 to 782, where both a and b	N30135, AI767701, AI633623, AI140698, AW269969, N34283, AA610009, T65377, AA535713, AA135305, AA904500, AI271558, AW043844, AW168046, R42844, AA830555, H20852, N51615, AW168340, AA779492, D29317, AW149189, T77049, AA910171, AA679759, AI262864, H22970, H08110, AA136386, R40094, F09407, T15987, T35272, AI470445, H08109, AA361165, H20903, R21459, H22760, R14782,

1273	HUKFO71	875926	correspond to the positions of nucleotide residues shown in SEQ ID NO:1272, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 280 of SEQ ID NO:1273, b is an integer of 15 to 294, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1273, and where b is greater than or equal to a + 14.	Z42318	T65454, F11747, AL117635
1274	HCQAT28	875927	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 673 of SEQ ID NO:1274, b is an integer of 15 to 687, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1274, and where b is greater than or equal to a + 14.	AW195495, AI927965, AI660501, AI830732, AI271628, AI224848, AI271624, AA227881, AA579040, AI080263, AI016903, AW074630, AW119163, AI796459, AA194238, AA251354, AA193292, AA314587, AJ242739	
1275	HCYBC56	875932	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 804 of SEQ ID NO:1275, b is an integer of 15 to 818, where both a and b	AA305033, AW248879, C17203, AI915163, AI298556, N73317, AI474187, AI401089, AI634988, AA427374, AI190151, AW043949, AA343654, AI690026, F03312, AI821377, AI766223, AI948443, AI820529, R42572, F03338, AI032325, AW088758, AA621333, AL046205, AI352330, AA156447, AA261784, T64484, AA63522, AI041540, AI128869, F33912, R38482, N94950, AI817198, AA433949, AI223036, AA456954,	

			correspond to the positions of nucleotide residues shown in SEQ ID NO:1275, and where b is greater than or equal to a + 14.	AW134514, AA362770, AI738910, AA9311551, AA856757, AW079224, AA856766, R99371, AI431703, AW023137, AA525926, AI784057, AA844907, AW168420, Z94056, AC007160, AC005874, AF134471, AL049872, AC007263, AC007064, Z97055, AC006480, AC005799, AC005616, AC006088, AC004707, AL035408, AC002375, AC010206, AL024507, AC004702, AC005102, AC004679, AC007376, AC004542, AC005011, AC005207, AL117338, AL031767, U91318, AC005953, AC005036, AP000111, AP000043, AC005477, AC005228, AL031655, AL035414, AC005578, AC004791, AP001053, AC007276, AC004921, AL133289, AC006387, AF001549, AC004887, AC006582, AB020863, AL139054, AC005993, AL109837, AL132774, AL035686, AP000108, AP000040, AC004862, Z98744, AC003007, AC007880, Z95126, AC011604, AE000661, AC005013, AC005295, AL049869, U82670, AC007225, AL022326, AL031681, AC004605, U85196, AC007402, AC009501, AL034420, AC003964, AC007546, Z99496, AC009946, AC006059, AP000509, AC005145, AC004976, AC005095, AC002384, AL049743, AL121578, AL078593, AC008115, AL121657, AC007510, AP000240, U80460, AC007773, AC005792, AC005482, Z98043, AE000659, AC004817, AL022100, AL035089, Z82245, AC005547, AC004825, AL035608, AC003991, AL078475, AC004510, AL022727, AC012627, AB003151, AC006167, AC005027, AB004907, AC005878, AL096711, AC004029, AP000511, AF111169, D84394, AP000688, AC011456, U50871, AP000280, AL109985, AC004838, AL035420, AC002390, AC002299, AB023050, AC002992, AC003037, AP000107, Z99715, AC004185, AC006137, AP000039, AL109956, AL109654, AF015416, AC007380, AC006040, AC004067, AC006204, AL049564, U85198, AC004859, AC004896, AC006536,
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1276	HAAAC11	875933	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 836 of SEQ ID NO:1276, b is an integer of 15 to 850, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1276, and where b is greater than or equal to a + 14.</p>	<p>AP000131, AP000209, AC002464, AC004700, AC003670, AF207955, Z79996, AP000283, AC002289, U95740, AC004002, AC006928, AC007058, U52112, AC007240, AC005380, AL121591, AL109938, AC005731, AL035069, AP000282, AC004106, AC006991, AC004911, AF002993, AP000501, Z69712, AF096876, AC002331, AL023805, AC007450, AC006048, X96421, AC005483, AP000201, AL034554, AC005138, AF165142, AP000097, AC007280, AC004472, AC007024, AC004409, AP000248, AP000144, Z92547, AL031053</p> <p>AI539783, AW022097, AA489755, H10506, AA489648, AC004702</p>
1277	HNHO184	875934	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 486 of SEQ ID NO:1277, b is an integer of 15 to 500, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1277, and where b is greater than or equal to a + 14.</p>	<p>AA417136, H78660, AW292282, AC000378</p>
1278	HRABT72	875935	Preferably excluded from the	

1279	HWLEG68	875936	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 547 of SEQ ID NO:1278, b is an integer of 15 to 561, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1278, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1653 of SEQ ID NO:1279, b is an integer of 15 to 1667, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1279, and where b is greater than or equal to a + 14.</p>	<p>AW37286, AA877900, AW374882, AW374986, AW363009, AW374838, AI791951, AW374892, AI431674, AW374858, AW363038, AW363010, AI821099, AW374992, AI940416, AW374993, AW375002, AI821845, AA633302, AW374878, AW363039, AW274215, AI732655, AI573096, AW374894, AA581944, AW191851, AW451240, AI360701, AI273759, AI280846, AW451809, AA053660, AW452362, AW293665, AA535532, AI620830, AA961152, AA582019, AA053763, AA295334, AI318604, AI278909, AW374321, AW080947, AW351525, AA376765, AA366856, AW191847, D25711, AA377129, AA601073, T24571, AW376784, AW376582, AI708873, AW243603, AI991190, AW376686, AW376776, AW376658, AI828388, AW291776, AW006478, AW193257, AW376625, AI254661, AW376692, AI458795, AW376516, AW364147</p>
1280	HSIDV66	875937	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 443 of SEQ ID NO:1280, b is an integer of</p>	<p>AI431674, AW376784, AW376582, AW376686, AW376658, AW376776, AW451240, AI360701, AW452362, AW451809, AA535532, AW376625, AA961152, AI648663, AI284509, AL042628, AI815855, AI476109, AW150578, AL045266, AI866002, AI866573, AL041772, AW084219, AI289937, AI274769, AI863240, AI250663,</p>

			15 to 457, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1280, and where b is greater than or equal to a + 14.	AI364788, AI433976, AW051107, AI620284, AI590120, AL045500, AI433157, AI560099, AI539771, AI345608, AI521012, AI537677, AW083804, AI521560, AI500659, AI801325, AI500523, AI284517, AI500706, AI491776, AI445237, AW151138, AI500662, AI273142, AI633493, AI434256, AI284513, AI888118, AI868831, AW149227, AI828731, AI619716, AW082040, AW102785, AW103893, AI561299, AI608676, AI886124, AI554218, AW079159, AI269862, AI612759, AI867042, AI888953, AI280661, AI537617, AI919345, AA427700, AI537515, AI349598, AI251830, AI873644, AI366549, AI636719, AI340582, AW103371, AL042551, AI611743, AI500039, AW161579, AI955906, AI872711, AI571909, AI801322, AL043326, AL040243, AW162071, AI284131, AI433037, AI174394, AI923768, AI888661, AW268220, AL119863, AI334450, AI340603, AI498579, AI445165, AL036759, AW023590, AW302988, AI687065, AI446003, AW074993, AI224992, AW059837, AI251205, AI696626, AI344935, AI678762, AI539153, AI610645, AL036214, AI828367, AW262565, AI439762, AL120853, AW087445, AI499986, AI633419, AA225339, AI538716, AI689420, AW301300, AI097248, AI453322, AI815232, AI269696, AW190042, AL079963, AI922676, AI680498, AW071417, AI963216, AI348897, AW082594, AL119791, AI922901, AI282326, AI888944, AW088134, AI589993, AI648684, AI687465, AW022682, AW403717, AW167410, AW129106, AI800453, AI800433, AI468872, AI866608, AW238730, AW088903, AI829327, AW081255, AI308032, AI889189, AI497733, AI308035, AI275175, AW169653, AL038605, AA640779,
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	AI921176, AI434223, AI689175, AA470491, AI343059, AL040241, AA508692, AI292193, AI446373, AL037454, AI349933, N80094, AI349256, AW196141, AI805638, AI569616, AI824557, AI587288, AL121328, AA494167, AA974049, AL038779, AI873604, AL036361, AL036403, N33175, AI336575, AI349645, AW117746, AL110402, AL036274, AI799199, AA572758, AI540832, AW269097, AI926790, AW002342, AW050522, AL038445, AW089179, AI312428, AI554427, AI564719, AI891157, AI696819, AI281772, AI889376, AI932794, AI857760, AI499463, AI524671, AI608936, AI699011, AW051258, AW085667, AI921248, AI611738, AW102761, AI619502, AI677796, AI632408, AI306613, AI802542, AI569583, AI952360, AI633125, AI499285, AI886753, AI312152, AI274013, AI564723, AI933589, AW026882, AI627988, AI783504, AA420758, AI869367, AL036869, I48979, I48978, AB019565, A08916, I89947, A08913, A08910, AL133016, I89931, I49625, AL110196, AL133080, AF106862, AF079765, AL122050, AF113013, AL133560, AF146568, AF090896, E03348, AL049382, AL049314, AR059958, AF113689, Y11587, A08909, AF113676, S68736, AL137557, AL133093, AL049466, AF113690, E07361, Y16645, X84990, AL137527, AL133565, AL080060, AJ242859, AL122121, AF118064, AF118070, AL049430, AF113699, AL133640, AL080137, AF061943, AL050146, AF091084, AL117583, AL117585, AL122098, AF090903, AL050116, AF177401, AF104032, AL122123, AF090934, A65341, Y11254, S78214, AL110221, AF125949, AL122093, AF078844, AF113019, AL049300, AF097996, AF111851, Z82022, AF183393, AL137538, AL137463, AF090901, AL050393, AR011880, AL133557, AF017152,

			AL133075, AF158248, X93495, U72620, A93016, AF118094, AF113694, X82434, AL050024, AJ000937, AL049464, E02349, AL050277, AL137459, AL117460, E07108, AF090900, AL117457, L31396, U42766, AL133606, AL137521, L31397, X96540, A58524, AL049452, A58523, AL137550, U00763, AJ238278, AL050108, AL080124, AL117394, X63574, I03321, AF017437, AF113677, A77033, A77035, I33392, AL137271, AF113691, AL080127, AL050149, AF125948, AL117435, X72889, AF090943, AL096744, AL110225, U80742, AL050138, U91329, AL122110, AL137283, AL049938, AL137648, A12297, X70685, AL133113, U35846, A03736, X65873, AL080159, I42402, AL133072, E15569, A08912, I09360, AF087943, AL049283, AL110197, U67958, X98834, E08263, E08264, AF067728, AL137523, AR000496, U39656, I26207, AL122049, AL133077, AL050172, A93350, AJ012755, AL133104, AF111112, A07647, AF119337, AL137560, AF003737, AL137556, AF153205, Y14314, AL133014, AF000145, AL110280, AF026124, AL133568, AF185576, AF026816, AF162270, AL117440, AR038854, Z72491, AF106827, U96683, AF057300, AF057299, S61953, E04233, L30117, AL117432, AL137476, I17767, AL137273, AL122111, Y09972, E02221, AR038969, A90832, AL133067, AL137526, A08911, A45787, AL133098, AF079763, AL137480, AR013797, I00734, U78525, L19437, X87582, E00617, E00717, E00778, AC006112, AC004093, X62580, Z37987, AL080074, AJ006417, AC004878, M30514, X92070, AL080086, E05822, AF067790, AF095901, AL137478, U68387, AL122118, AL050092, E08631, Y07905, U49908, U58996, AC006336, AL022147, AF210052, AF111849, AL137705, AF132676, AF061836, AL023657, AL137533, AL137292, AF008439, AF100931 AI479334, AW438880, AI969482, AA740980,
1281	HWAAD15	875938	Preferably excluded from the

1282	HUFFD27	875939	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 709 of SEQ ID NO:1281, b is an integer of 15 to 723, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1281, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 317 of SEQ ID NO:1282, b is an integer of 15 to 331, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1282, and where b is greater than or equal to a + 14.</p>	<p>AI151466, AI670122, AA877322, N63143, AI4222330, AA694453, AA766111, AI277749, D20155, AI633803, AA910174, AW002649, AF102851</p> <p>T81216</p>
1283	HWLMZ30	875940	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 333 of SEQ ID NO:1283, b is an integer of 15 to 347, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1283, and where b is greater than or equal to a + 14.</p>	<p>AW295800, AW449384, AI341114, AA886955</p>
1284	H2LAJ89	875941	<p>Preferably excluded from the</p>	<p>AA314048, D80168, D59695, D80949, D52291,</p>

			<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 904 of SEQ ID NO:1284, b is an integer of 15 to 918, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1284, and where b is greater than or equal to a + 14.</p>	<p>C14298, D51079, C14227, AW360780, C14407, D81111, D80064, D80290, D59927, D59627, D80227, D59502, D59859, D80269, D80195, D51799, D58283, D80166, C14331, C15076, D59467, D51423, D59619, D80210, D80391, D80164, D59275, D80240, D80253, D80193, D81030, D80043, C14389, AW352172, D80212, D80022, D57483, D80038, D80378, D80196, D80188, D80219, D50995, D59787, AW377661, D59889, D59610, D50979, D80366, D80045, D80024, D80241, AA305409, F13647, AI557751, T11417, C06015, Z21582, D58101, C75259, D51060, C14014, D80258, D59503, AA514188, D51022, AA305578, D58246, D51213, D45273, T03048, AW377669, AI557774, D80248, D80014, D80228, T02974, C16955, D59484, D52059, D81026, AA514186, C05695, AI535686, D80268, Z33452, D80302, AA514184, D80439, D80522, D80133, D80251, D80247, T03116, AI535961, H67854, H67866, AA027769, D51103, AI525216, AI525228, D51053, T02868, AI525969, C03092, D59373, AA809122, N66429, D51759, C14973, D59551, D31458, C14344, D59317, D80157, C04682, D51221, D59474, Z30160, AI525238, D59653, C14046, C13958, H67858, AI525242, AI525222, C14957, D60010, AI525923, D45260, AI525920, AA305720, AF048722, AB006320, AF048720, AF048721, AJ222971, AF048724, U69961, U70132, AB006321, AF048723, U80010, AF039832, U80036, AJ222972, U80011, AF076640, AF077092, AF155206, AF217647, AF063935, AB010386, I82448, A84916, AJ132110, A62300, A62298, AR016808, AR018138, AF058696, I82446, U37689, X64588, AR008278, AB028859, I81198, AB019242, A47134, A82595, AR060385, I14842, AB002449, I79511, AR054175, AR008277, AR008281</p>
1285	HSPBY20	875942	<p>Preferably excluded from the present invention are one or more</p>	<p>AW237287, AW363468, AW363480, AW363473, AW363477, AA121686, AW363466, W72522, AI828975,</p>

1286	HE2DS24	875946	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3197 of SEQ ID NO:1285, b is an integer of 15 to 3211, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1285, and where b is greater than or equal to a + 14.</p>	<p>AI559999, AI804778, AI674566, AI129403, AA533052, AA527974, AI363501, AA143578, W51847, AW300353, AI831152, AA143579, AI741918, AA039996, W51848, W76081, AW117710, AI168002, AA311143, AA441903, N31268, AI884441, AI632722, AI869640, AA811715, AA505929, AW304874, AA847969, N59481, AA559159, AI695051, AA112361, AA558272, AA000001, AI720005, AI039160, AA039941, AI342286, AI497588, T06998, AA631737, AI571810, W80521, AA861746, AI985608, W80522, AI869233, AA902266, AA358008, AI301584, AA888922, AA706417, AW363471, AI460367, W81055, Z44588, AI276195, AA995745, AA370238, AI471184, AI358624, W93499, AA731776, AA225687, Z25022, R93719, Z33579, R93772, N22881, AA813411, R96999, T34389, AA442009, AW363465, AI707586, AA992785, AA329788, AW363476, T63311, C03451, AA527798, AW293240, AW363475, AW196088, TS9616, C00776, T59728, Z28725, R96942, AI401471, AI985365, AA090503, H89254, AA091375, N76452, AA084311, AI121286, AA416534, AA635126, H25949, AA247310, N72061, N76425, T10848, AI868319, U95742, AC007216, AC007226</p> <p>AI436213, AI376989, AW272461, W67633, AW103191, AI460071, AI339966, AA309909, AI382859, AL035070</p>
1287	HSLFO26	875950	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 776 of SEQ ID NO:1286, b is an integer of 15 to 790, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1286, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the</p>	AA353689

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 377 of SEQ ID NO:1287, b is an integer of 15 to 391, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1287, and where b is greater than or equal to a + 14.	
1288	HCQAH22	875951	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 378 of SEQ ID NO:1288, b is an integer of 15 to 392, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1288, and where b is greater than or equal to a + 14.	F12035, H11818, T65663, H07096, H06077, F12478, R17257, T74513
1289	HHEYK87	875952	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 115 of SEQ ID NO:1289, b is an integer of 15 to 129, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1289, and where b is greater than or equal to a + 14.	
1290	HCRQN90	875954	Preferably excluded from the	R05444, R05547, H24799, N24201, N28584, N31653,

1291	HCQDT05	875955	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 430 of SEQ ID NO:1290, b is an integer of 15 to 444, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1290, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 659 of SEQ ID NO:1291, b is an integer of 15 to 673, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1291, and where b is greater than or equal to a + 14.</p>	<p>N34107, AA193424, AA251321, AA251589, AA278204, AA287679, AA286744, AA494343, AA732455, AA740478, AA812121, AA814394, AA830316, AA877099, C04694, AA397959, AA435871, AA437027, AA442854, AA449086, AA449518, AA431365, AA732757, AA757686, AA759030, AI074034, AI082779, Z25143, Z28808, AI341874, AI141529, AI143886, AI149785, AI290312</p> <p>AI681892, AA861619, AI693051, AA009602, R67318, AC004908, AC000386</p>
1292	HACBI44	875967	<p>Present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 358 of SEQ ID NO:1292, b is an integer of 15 to 372, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1292, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 358 of SEQ ID NO:1292, b is an integer of 15 to 372, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1292, and where b is greater than or equal to a + 14.</p>	
1293	HHEWX30	875971	Preferably excluded from the	<p>AW177053, T85527, H66913, H53191, N78201,</p>

1294	HCQCL24	875972	present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1190 of SEQ ID NO:1293, b is an integer of 15 to 1204, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1293, and where b is greater than or equal to a + 14.	AW377523, AA234861, H51769, AA007382, AI783820
			Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 460 of SEQ ID NO:1294, b is an integer of 15 to 474, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1294, and where b is greater than or equal to a + 14.	H81368, R11282, T98326, AC006077
1295	HE8NK61	875974	present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 436 of SEQ ID NO:1295, b is an integer of 15 to 450, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1295, and where b is greater than or equal to a + 14.	AC005007
1296	HWLCA48	875976	Preferably excluded from the	AI005521, AI810382, AI659500, W92352, AI933284,

			<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 379 of SEQ ID NO:1296, b is an integer of 15 to 393, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1296, and where b is greater than or equal to a + 14.</p>	AA812596, AI400309, AW197587, AW192260, AI949417, W92316, AA722528, AI499349, AW300547, AW025996, AW172287, AW117376, AI194825, AI148427, AW292395, AA903846, AI018563, AI493973, AI082262, AI344368, AI765916, AA879432, AA961861, AW236495, AA912973, AI597682, AA459703, AI207327, N30720, AA936502, AI709271, AA877895, AA687402, AI420803, AA687115, AA504275, AI749696, AI472028, AA149279, AI383228, AI242850, N79884, AA149265, AI352279, AI363025, AA576875, AA809139, AI246634, AI439699, AI143444, AI918503, AI768616, AI970288, AA411377, N62978, AW351635, AW177011, AW167933, AI380451, AA836154, AW274680, W39570, AW170172, AA689438, AA406308, AA535797, AI283454, N30079, AL119324, AL119457, AW392670, Z99396, AW372827, AL119363, AW384394, AL119319, AL042544, AW363220, AL119497, AL119391, AL119484, AL119522, U46351, AL119355, AL119496, AL119443, AL119418, AL119399, AL119341, AL119483, U46341, AL119396, U46349, U46350, U46347, AL037205, AL119335, AL119401, AL119439, AL119444, AL134531, AL134525, AL134536, U46346, AI142131, AL042614, AL042965, AL042984, AL134538, AL043019, AL042975, AL134902, AI142132, AL043029, U46345, AL039851, AL042542, AL042450, AL042551, AL043003, AL119464, AF126743, AR066494, AR060234, A81671, AB026436, AR054110, AR069079
1297	HUCOR05	875982	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 613 of SEQ ID NO:1297, b is an integer of</p>	AI888086, AI962990, AI983535, AI597764, W60854, AI368836, AI808836, R49083, D60229, AI039175, R69837, R69838, AI277306, AA489467, AI498566, H28639, AA165333, C14571, AA094632, AA918475, AL096773

1298	HWAIC77	875983	<p>15 to 627, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1297, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 367 of SEQ ID NO:1298, b is an integer of 15 to 381, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1298, and where b is greater than or equal to a + 14.</p>		
1299	HWMBG8 0	875984	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 495 of SEQ ID NO:1299, b is an integer of 15 to 509, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1299, and where b is greater than or equal to a + 14.</p>	AI472111, AI288509, AA453203, AA454170	
1300	HTXFU22	875989	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 438 of SEQ ID NO:1300, b is an integer of</p>	AA226318, AI734064, AI732089	

1301	HCQDQ49	875990	<p>15 to 452, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1300, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 525 of SEQ ID NO:1301, b is an integer of 15 to 539, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1301, and where b is greater than or equal to a + 14.</p>	AI491942	
1302	HDPOZ22	875991	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 418 of SEQ ID NO:1302, b is an integer of 15 to 432, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1302, and where b is greater than or equal to a + 14.</p>	Z43549, N39489, AC004789, AC005222	
1303	HWLQA90	875994	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 407 of SEQ ID NO:1303, b is an integer of</p>	AA486226, AI590941, AA157504, AC004503, AC005006, AC005962	

1304	HATBS19	875995	<p>15 to 421, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1303, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 801 of SEQ ID NO:1304, b is an integer of 15 to 815, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1304, and where b is greater than or equal to a + 14.</p>	<p>AA129774, N45232, AA478926, AW173347, AW390310, AI803946, AI471990, AI480219, AA928879, AA478806, AI802226, AI683194, AI356830, AI400467, AI421708, AW341836, AW136439, AI928546, AI937609, AI559183, AW316851, AI457809, AI420660, AA886493, AI915161, AW339403, D12201</p>
1305	HHSFJ11	875996	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 515 of SEQ ID NO:1305, b is an integer of 15 to 529, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1305, and where b is greater than or equal to a + 14.</p>	<p>AI017418, AI817785, AA455094, AC005799</p>
1306	HCYBA19	875998	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 907 of SEQ ID NO:1306, b is an integer of</p>	<p>AA308922, T84214, Z43709, R05654</p>

1307	HAPQW21	875999	<p>15 to 921, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1306, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 788 of SEQ ID NO:1307, b is an integer of 15 to 802, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1307, and where b is greater than or equal to a + 14.</p>	<p>AI816929, AA743053, AA767907, AI494624, AA932213, AI830745, AA837394, AI962187, AI963297, AI962646, AI499897, AW207508, AA257988, AI889250, H62091, AI873713, AI652649, AI652588, AA412301, AA215370, AW245619, AI824020, AI208488, AI933125, AA912107, AI827787, AA470031, AW080557, AW367956, AA806884, AI611226</p>
1308	HCRND16	876001	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 365 of SEQ ID NO:1308, b is an integer of 15 to 379, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1308, and where b is greater than or equal to a + 14.</p>	<p>R86881, AA344692</p>
1309	HSPME68	876006	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1430 of SEQ ID NO:1309, b is an integer of</p>	<p>AI831502, AW135590, R80329, AI453275, H03544, AI867183, AA598849, H44114, AI864755, H92020, AA483703, H03459, AI973227, R28250, R80223, R27989, H92021, R93832, Z38639, AI807377, AW103726, AI343038, AW148303, AW302662, AI336506, AI254251, AW303238, AW268290, AI318301, AI363741, AI344795, AW411235,</p>

1310	HCRMC21	876007	<p>15 to 1444, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1309, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 339 of SEQ ID NO:1310, b is an integer of 15 to 353, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1310, and where b is greater than or equal to a + 14.</p>	<p>AW148382, AW161098, AI206899, AW118417, AA644481, Y11254, A91160, A76335, AI122098, AR068753, AR068751</p>
1311	HLWCB78	876008	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 913 of SEQ ID NO:1311, b is an integer of 15 to 927, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1311, and where b is greater than or equal to a + 14.</p>	<p>H39742, R28582, AA384999, R58373</p>
1312	HWLME80	876011	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 490 of SEQ ID NO:1312, b is an integer of</p>	

1313	HKTAB46	876012	<p>15 to 504, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1312, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 850 of SEQ ID NO:1313, b is an integer of 15 to 864, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1313, and where b is greater than or equal to a + 14.</p>	<p>AI768516, AI082809, AI804454, AW173368, AA905101, AI080483, N38942, N29489, AI500550, AA994475, AI001079, AA707368, AA593145, AA569473, AW386118, N63226, AA614464, N46512, AW272021, AI828244, AL133605</p>
1314	H2CBI20	876013	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 855 of SEQ ID NO:1314, b is an integer of 15 to 869, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1314, and where b is greater than or equal to a + 14.</p>	<p>W02575, AA304931, D58283, D80188, D51423, D57483, D59859, D80043, D80166, D80253, D81030, D59619, D80210, D51799, D80240, C14331, D80212, D80022, D80195, D80219, D80391, D59275, D50979, D59787, D80227, D59502, D80366, D59889, C14389, D80164, D80196, D59927, D59610, D80269, D80024, D80038, D59467, D80193, D50995, AA305409, C15076, D80378, C14429, D80241, C75259, T03269, D80045, D51060, C14014, AW178893, AW178775, D80134, D51022, AW179328, AW177440, D51250, AA305578, D81026, AW378532, D80268, AW352158, D80522, F13647, D80949, D80248, D52291, D80251, AW369651, D59695, D58253, D51079, D80168, AW178762, D81111, AA514188, AW177501, AW352117, AW177511, C14227, Z21582, D80133, AA514186, D80064, C14298, AW360811, AI905856, C14407, AW378540, AW377671, AW375405, AW360844, AW377672, AW366296, D80132, AW360817, AW375406, AW177505, AW378534, AW352171, AW179332,</p>

	AW179023, AW377676, AW178905, AW178754, AW179024, D51097, AA285331, D80439, AW360834, AW360841, AW352172, AI557751, AW179020, D80302, AW352170, AW178909, AW177456, AW178906, AW177731, D80247, AW178907, AW179019, AW179018, AW178971, AW179017, AW179004, AW179329, AW352174, AW179012, AW178980, AW177733, AW378528, AW178908, AW179220, T11417, D51759, D80157, AW179009, AW178914, AW378543, AW378525, D51103, D80014, AW367967, AW178983, T03116, AW352120, AW177728, AW178774, AW178781, AW178911, AW352163, D58246, AW378539, T48593, D58101, D59503, C06015, AI557774, D45260, D59627, D80258, AA809122, D50981, H67854, AI525917, T02974, AW378533, AW367950, AW178986, AI525923, C03092, AI525235, H67866, AW177734, D51213, C14957, D59474, AI525912, C14344, AA514184, D59317, D51221, Z30160, AW179013, D45273, C14973, AI525920, AI525227, AI535686, AI525242, T03048, AW178759, C14046, D59551, C16955, AI535961, H67858, AI525215, AW378542, AI525925, Z33452, AI525237, A62298, AJ132110, A84916, A62300, AR018138, AR008278, X67155, Y17188, D26022, A25909, A67220, D89785, A78862, D34614, D88547, AF058696, X82626, AB028859, AR025207, Y12724, AB012117, A82595, X68127, AR016808, A94995, A85396, AR066482, AB002449, A44171, AR008443, AR060385, A85477, I19525, A86792, U87250, X93549, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, Y09669, A43192, A43190, AR038669, AR066487, AR066490, A30438, I18367, D88507, I14842, AR054175, AF135125, AR008277, AR008281, D50010, Y17187, A63261, AR008408, AR062872, A70867, AR016691, AR016690, U46128, AB033111, D13509, I79511, A64136, A68321,

1315	HWBDR92	876018	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1818 of SEQ ID NO:1315, b is an integer of 15 to 1832, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1315, and where b is greater than or equal to a + 14.</p>	<p>AR060133, AR064240, U87247, AB023656, AF123263, X93535, AR008382</p> <p>AW024416, AW238938, AW361813, AI421202, AI434791, AI309982, AI769534, AI378930, AI393963, AI492647, AA953114, AI380180, AI769524, AI420285, AI805717, AI077552, AI678958, N26060, N40424, AI190662, AI613423, AA976041, AA581509, AA776498, AI268866, AI291641, AI289100, AA186514, AI208759, AA278467, AA655834, AI341899, AA315414, W07679, H23150, AI671697, AA315695, AI961637, AA989174, AI613432, AA235080, AI127470, AA603717, R80986, H09069, AI085843, AA993834, AA235209, AI160297, N80556, AA421270, AA187209, AI205566, AW277106, H59979, W39334, AA045407, T75129, AA503424, W52459, F10405, AA421317, AA723427, AW189559, W52458, AA045301, AA256210, AA503121, H09070, AI862840, AA921301, AI819232, AA303086, H81373, H23151, W15379, AI003129, H57853, H80453, AA587453, F12797, AA811971, AA379841, R80786, AA737085, AW029021, R38552, T48991, AA565741, AA503131, AA256353, F17470, AI424220, AI431521, T48990, AI381715, AL038986, R20931, AI424511, AW361749, AA835425, AI569722, AW337583, AA558437, AA373318, AW269615, D20475, AW016289, AW014562, AI795986, AI066579, AA057708, T25034, R54035, AA626100, AI801600, T84464, AA745560, AA745431, AA076616, AF151801, AL050215, AC004983, D89937, AC004967</p>
1316	HWMBI92	876019	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 642 of SEQ ID NO:1316, b is an integer of</p>	

1317	HWMFU50	876021	<p>15 to 656, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1316, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2506 of SEQ ID NO:1317, b is an integer of 15 to 2520, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1317, and where b is greater than or equal to a + 14.</p>	<p>AI110856, AA143745, AI693023, AA151633, AA761698, AI121337, AI298472, AI018193, AW372477, AA491188, AW131073, AA505133, AA599482, AI143548, AA430400, AA151685, AA825984, AW366355, AI383751, AA613495, AA252073, AI076636, H81681, H66674, AA779949, AA885895, AA298085, AI383750, W05653, AA148124, AI074739, AI687281, H11552, AW451697, AI150645, AA041459, AI208735, H81680, AA620485, AA112748, AA976412, H00961, T31804, AA357205, AA041512, AA678631, R67964, N76147, AI468649, H11443, H00962, AI383531, Z45863, AA360936, F04726, AW074481, AA872316, AI024087, AA309629, R66877, AI702342, AA653426, AA732728, AA252105, AA490992, AA770121, N87414, AA356722, AW027385, AI434752, R58494, AI275780, AA090352, AI370532, AW390733, AA879149, AI923615, Z21234, Z21233, AF090915</p>
1318	HCQCM19	876022	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 568 of SEQ ID NO:1318, b is an integer of 15 to 582, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1318, and where b is greater than or equal to a + 14.</p>	<p>AA715374, Z25205, AI202201</p>
1319	HBWCF70	876023	<p>Preferably excluded from the</p>	<p>AI219865, AW294721, AA431535, AW451194,</p>

1320	HCRN30	876024	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1085 of SEQ ID NO:1319, b is an integer of 15 to 1099, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1319, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 708 of SEQ ID NO:1320, b is an integer of 15 to 722, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1320, and where b is greater than or equal to a + 14.</p>	<p>AA307304, AA917679, N72093, H19317, AA868722, AA313570, AW270831, AW242483, AA306705, AA584601, AA431211, M97501, X64838</p>
1321	HCAK16	876025	<p>Present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 241 of SEQ ID NO:1321, b is an integer of 15 to 255, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1321, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 241 of SEQ ID NO:1321, b is an integer of 15 to 255, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1321, and where b is greater than or equal to a + 14.</p>	AA327228
1322	HCQDG19	876026	Preferably excluded from the	AI635818, AC007630

1323	HCQAD16	876027	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 232 of SEQ ID NO:1322, b is an integer of 15 to 246, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1322, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 325 of SEQ ID NO:1323, b is an integer of 15 to 339, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1323, and where b is greater than or equal to a + 14.</p>	AA252134	
1324	HCQAS16	876028	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 352 of SEQ ID NO:1324, b is an integer of 15 to 366, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1324, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 352 of SEQ ID NO:1324, b is an integer of 15 to 366, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1324, and where b is greater than or equal to a + 14.</p>		
1325	HGBBG01	876029	Preferably excluded from the	AA297618, AA188451, F06972, F06481, X83107,	

			<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 417 of SEQ ID NO:1325, b is an integer of 15 to 431, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1325, and where b is greater than or equal to a + 14.</p>	AF045459, AC003669, AF012104, U88091, U08341, AR042423, AR044115
1326	HILBF13	876030	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 410 of SEQ ID NO:1326, b is an integer of 15 to 424, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1326, and where b is greater than or equal to a + 14.</p>	AA313226, AA352231, AA729004, H63236, AI174489, AA493814, AA847341, AA502774, AI884404, R95751, AA832104, AA126969, AA368329, N21434, AI567676, AI002863, AA991640, AA602715, AA368659, AI003620, AA219166, AA659011, AA420424, AA749196, AA309287, AI124558, AA143703, H79323, AI802268, AA831913, AA730795, AA598579, AA832108, AI791227, AA365628, AI196994, AA598605, AA595508, AI732911, N27340, N53783, AA455202, AI734193, AA482682, AA525156, AA218874, AA598497, AA643768, AW083966, AA351893, AA668421, AA581317, N55076, AI376687, AW069273, AA825954, AA229370, AI538404, M77964, AA315052, AI049999, AP000553, Z68756, AB023049, AP000512, AL079342, AC005305, AF075069, AD000092, AL008731, AC007993, AL008628, AL035587, AC005089, AC008372, AL133163, AC005913, U95742, AC007537, AL031721, AC009516, AL035420, AC003071, AC000052, AL133246, AF053356, AC005722, AB003151, AC006930, AP000099, AC000025, AC007193, AC006273, AC005527, AB023051, AC004099, AP000688, AP000036, AC005747, AC006511, AC004150, U78027, AL034553, AC003047, AC004997, AC004475, AC005519, AL009181, AP000046, AP000114,

1327	HCQDI18	876034	<p>AL021393, AL049650, AC007687, AC005529, AC005406, AC003102, AC005585, X74984, AC005828, AC002369, AL022315, AC005907, U95739, AC004000, U91327, AF076450, AJ246003, AL035086, Z83826, AL109613, AL121655, D16583, AC005725, AL030995, AF196779, AC005535, AL020997, AL035400, AC004650, AL096712, U89337, AC008045, AP000344, AL117258, AC005099, AC007314, AC003098, AP000503, AL022326, AL020993, AC004668, AC004254, AC006581, AC005837, AC007277, AL021806, Z15025, AL049829, AC005932, AL049699, AL122023, AP000302, AL080243, AC005516, AD000833, AP000077, U91326, Z73417, AC002395, AL034379, AL132712, AC005859, Z95116, AF003528, AP000243, AL049643, AF134726, AP000098, AP000203, AC005412, AC002991, AL035445, AC005041, AC005971, AC004812, Z84474, AF217403, AC003046, AC005003, Z82198, AL008734, AC004531, AF205588, AC004756, AL034421, AC005776, AC004073, U93305, AC002310, U85195, Z98946, AF111169, AF196972, AL136168, U63721, AC005768, AC004678, AC005253, AC007001, AP000280, AC007207, AC005759, AL031708, AC002996, AC004131, AL031058, AL109801, AC005694, AC006121, L47234, AE000658, AC001551, AC006080, AC006057, AC004072, AL133321, AC004227, AC006006, AC007051, AP000555, AC007666, AC005755, AC005993, AP000107, AP000039, AC006950, AC004263, U51561, AC007390, AC005924, AC007014, AC007546, AC003109, U62317, Z98949, AB020867, AC004808, AC004465, AF129756, AC004682, AC004703</p>
			<p>AA280322, AC006153</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>

1328	HEMGFI0	876039	<p>the general formula of a-b, where a is any integer between 1 to 301 of SEQ ID NO:1327, b is an integer of 15 to 315, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1327, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1853 of SEQ ID NO:1328, b is an integer of 15 to 1867, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1328, and where b is greater than or equal to a + 14.</p>	<p>AL045532, AI672339, AI916546, AI674054, AA922064, AW022969, AI539447, AI338659, AI038295, AI809635, AI569951, AI015944, AA236487, AA917051, W72067, AI522144, AW340476, AW001031, AI042560, AW272351, AW291220, AA496094, AI808121, AA453459, AA216783, N90068, W38469, AA002033, AA482997, AA234484, F12296, T66274, Z24870, W76350, F09922, T95502, AI128578, T66187, T95501, Z28614, AA453960, R16316, T58251, T88786, AI272000, AA001829, AI654859, AI624582, AI334322, T58298, AI376307, U85995, U85994, AF095771, U87408, AF095770, U85997, AC006195, AF095769</p> <p>AA425162, AA454628</p>
1329	HCQDGI0	876044	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 523 of SEQ ID NO:1329, b is an integer of 15 to 537, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1329, and where b is greater than or equal to a + 14.</p>	
1330	H2CBSI7	876045	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AA313483, AI092587, W07818, N79448, AA773593, R53234, R94785, R24805, H10024, AA229847, R94705, AA430523, AI435476, AW001866, AI565825,</p>

1331	HETJT76	876048	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1337 of SEQ ID NO:1330, b is an integer of 15 to 1351, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1330, and where b is greater than or equal to a + 14.</p>	AA430608, N71537, AI760594, AI911011, AI732273, AI440283, AI131012, AA582791, AI038591, N52904, AI144119, AA643763, AI561115, N78511, AA011130, AI668849, AI676028, AI371354, AA009702, N73670, AW369840, R53598, AA584483, AL044698, R48261, W53583, AA493983, AA968449, AC005332, AC004876, AC005771, AC004616, AP000038, AC005184, AL139165, AC004098, J03764, AF019664, AC004874, AL033525, AC009498, AP000280, AC005704, AL035427, AP000107, AC005060, AC005922, AL035633, AC007628, AC005011, AL078638, AF042484, AC007676, AC008071, AC007198, AC000120, AP000140, Z93931, AL031655, AP000088, AL031123, AC006996, Z75957, AL034555, AC004055, AC006354, AP000269, AP000103, AF001548, AF049895, AL132987, AL022068, AB013139, AL034425, AC002546, AF069291, AC004929, AC007262, AC002115, AL020989, AL031055, AL021877, AC004703, AC004664, AL021977, AC002480, AL035691, AL035072, AC004100, AC006370, AC006013, AP000033, AC005562, AC007312, AL031737, AC005406, AC005919, Z96074, U95743 AI799695, AI343330, AI498160, AI885048, AW372347, AW372353, AI361693, AW372342, AI290222, AA833641, H23783, W73966, AI077502, AW242637, AA514487, AA975211, AI569053, W79847, AI869527, AA832078, N55405, AA126154, AA313196, AI560671, H49102, AW236097, AI742230, AA126132, H49333, AI732692, AW172617, AA199707, AI280378, W79860, W74521, AA279226, AI650312, AC005352, AL117338, AF088062
1332	HMVBD68	876052	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1217 of SEQ ID NO:1331, b is an integer of 15 to 1231, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1331, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the</p>	AW083378, AA057509, AI679190, AA574451,

		<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1266 of SEQ ID NO:1332, b is an integer of 15 to 1280, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1332, and where b is greater than or equal to a + 14.</p>	AA599718, AA054285, AA706513, AI707934, AW023524, AA199863, R66161, AA862725, R84843, R85715, H86142, AL038837, H86028, AL039074, AL039564, AL039108, AL039156, AL039085, AL039659, AL039625, AL039648, AL039678, AL039150, AA059178, AL037051, AL036725, AL039629, H00069, AL039109, AL038531, AL039128, AL040992, AL045337, AL037726, AL042909, AL039423, AA013394, AL039410, AL134524, AL039538, AL044530, AL045353, AL036973, AL044407, AL038821, AL039386, AL036418, AL039924, AL037526, AL043441, AL043445, AL037082, AL036196, AL037639, AL039566, H39007, Z99396, AL043422, AL039509, T24119, AL038851, T24112, AL038025, AL045341, AL036767, AI535983, T23947, D51250, AL036117, AL045794, AW013814, AL043423, AL036924, AL037615, AW452756, AL036190, AW451070, AL036238, AL037085, AI142134, AL036679, AI535783, AL036733, T23659, AL038983, AL036858, AL134110, AL038447, AL037021, R47228, AL036998, AL045328, D80253, AL037727, AL037054, AL036191, AL036964, H00072, AL045327, AL047163, AL042898, AL036268, T02921, D59275, AL036765, AL037077, AA631969, AL039643, AL039432, AL119483, AL049018, T48598, D80219, AL038838, D59787, AL037343, AL037295, AL044125, AL037436, AA514190, AL037178, AL037335, AL037323, AW080777, AL119484, AL041347, AL037027, AW022897, AL038651, AI547295, AL036999, AW450376, AL038761, AL037443, AI348766, AL038532, Z25783, AL036719, AW103927, AL037094, T11051, AL042850, AA478355, AI700109, AL038822, AI267269, AL037435, AA548890, AA702729, AI334443, AL040193, AA191659, AA410788, AL119324, AA577824, AA630672, AA526787, AI056177, D29033, T28100, AA493975,
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	AA579179, AI223604, AL040061, AL041162, AL047012, AA483929, Z25782, AA834707, AW148507, AA456578, AL046549, T07039, H66681, AI254913, AL041238, AL043496, AL043923, X95073, AF118808, D14548, AR066494, AR017907, Z96142, AR038286, X68127, I92483, AR062871, I03665, I03664, AI15078, E00523, A67220, X73004, A95051, A58522, AR036905, A92133, A97211, A58521, A02712, A85477, A85396, AJ244003, AJ244004, AR062872, AJ244005, I06859, AR062873, A18050, A84772, A35536, A35537, A23334, A75888, I70384, I18371, A20702, A60111, A23633, AR043601, AR025207, AR007512, A18053, A84776, A84773, A84775, A02135, A02136, A04663, A04664, A84774, A43189, I66495, AR031374, A43188, AR067731, A38214, A49700, AR031375, A20700, I66494, A64081, AR008430, AR067732, A44171, I56772, I95540, AR018924, I60241, I60242, A51047, A63064, AR018923, A48774, A98767, A63072, A48775, AR068507, I66498, I66497, I66496, AR068506, I00074, I66486, I66487, I19516, A58524, AR015960, A91750, AR064707, A93963, A93964, AR000007, AR015961, I63120, A95052, AR020969, A25909, AR043602, AR043603, A95117, A58523, A23998, AF156296, AR037157, A11245, V00745, A02710, E12615, AR035193, A86792, E13740, AR054109, A07700, AR000006, A13392, A13393, AR036903, D28584, U87250, AR027100, I03343, I28266, AF156294, A82653, AR022240, Y11923, A81878, I21869, I13349, A24783, A24782, E14304, AJ230933, A70040, E16636, I19517, I01992, A27396, D88984, A76773, A22413, I08051, Y11926, A49045, A93016, E16678, I25027, I26929, I44515, I26928, I26930, I26927, A58525, I25041, I68636, E03165, E16590, I00077, S70644, I49890, AF096810, AF156303, AR064706, I44516, AF019720,

1333	HWLQD17	876056	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 114 of SEQ ID NO:1333, b is an integer of 15 to 128, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1333, and where b is greater than or equal to a + 14.</p>	<p>A60957, Y11449, A51384, X58217, AR038762, A92636, I84553, A91754, I84554, E02221, E01614, E13364, I00079, A60968, A18722, AF156304, D34614, A58526, A91753, AR023813, AB012117, A10361, AR035975, AR035977, AR035978, AR035974, AR035976, AF130655, AR066482, M32676, A60985, A60990, Z79475, A60987, Y17188, AC004935, X15418, S65373, AC004111, AJ238010, AC002431, AC004851, AC010722, AC006582, AC004797, AC005373, AP000512, AL121603, AL049430, AC005291, AC007191, U50871, AC004213, AL049631, AC002059, AC002480, U95739, AP000132, AP000210, U91318, AC005332, AL034395, AL031281, AC009784, AP001172, Z95116, E04616, AL035413, M21251, AC006999, AC006211, AC004466, AL080317, AC002395, AC005914, AC000026</p>
1334	HCRME16	876057	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 424 of SEQ ID NO:1334, b is an integer of 15 to 438, where both a and b</p>	AA826803

1335	HCQC116	876059	correspond to the positions of nucleotide residues shown in SEQ ID NO:1334, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 336 of SEQ ID NO:1335, b is an integer of 15 to 350, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1335, and where b is greater than or equal to a + 14.	
1336	HKLAB15	876062	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 476 of SEQ ID NO:1336, b is an integer of 15 to 490, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1336, and where b is greater than or equal to a + 14.	T70859, AI991425, T96900, AL137658, AC005343
1337	HCYBH57	876065	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 734 of SEQ ID NO:1337, b is an integer of 15 to 748, where both a and b	AA306889, AA305320, AA508639, N49791, H90350, AW016011, AW377205

1338	HCQDM08	876070	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1337, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 98 of SEQ ID NO:1338, b is an integer of 15 to 112, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1338, and where b is greater than or equal to a + 14.</p>	<p>AW384125, AA496504, AI610340, AA248671, AA130789, AA180915, AA478370, AI733781, Z98485, AI796704, AL044742, AL048069, AA626025, AL048572, AL047765, AL039283, AI557485, AL048501, AI546967, AI546957, AA516161, AI924321, AA887171, AI132973, AA420684, AI133122, AA654779, AA654118, AA194612, AA532618, AI132978, AI133640, AI114783, AI064749, AI064986, AI133242, AI065142, AI133340, AI114709, AI110634, AI065125, AI065095, AI133581, AI133663, AI110590, AI133479, AI065101, AI114457, AI133604, AI207634, AI525970, AI133582, AI114582, AI174912, AI114665, AI133512, AA081070, AA578984, AI557069, CI7847, AI174878, CI8490, AI133723, AI133615, AI133526, AA089877, AI525469, AA225945, AI114594, AI557701, AA112129, AA213849, AA410915, AA195856, AA182920, AA165635, AI208489, AA662114, AA244064, AA088806, AA228826, AA652493, AA622823, AI979027, AL049144, AA225205, AI244851, AI827423, AA132431, AA410765, AA176509, AA089690, AA828070, AA640731, AA641599, AI749067, AA569303, AA502464, AW385506, AA663702, AA229378, AA876457, AA467990, AA084304, AA229146, AA837558, AW371147, CI8623, AA858353, AA188095, AA641178, AA293576, AA082601, AW375786, AA468053, AA092886, AA427549, AA129770, AA480482, AA658436, AA502853, AA394267, AA640898, AI132974, AA193149, AA091406, AI749996, AA095793, AA226058, AI535866, AI940772,</p>
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1339	HSSEA17	876078	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 608 of SEQ ID NO:1339, b is an integer of 15 to 622, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1339, and where b is greater than or equal to a + 14.</p>	<p>AA527220, AA194743, AA399036, AA091372, AA192775, AA089626, AI525481, AI524836, C14151, H41888, Z56605, X76676, AR028448, X62996, D38112, V00662, J01415, X93334, Z59182, D38114, D38113, X93335, D38116, Z58833</p> <p>Z56928, Z56929, Z64722, Z54751</p>
1340	HCQDGI4	876079	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 610 of SEQ ID NO:1340, b is an integer of 15 to 624, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1340, and where b is greater than or equal to a + 14.</p>	<p>AW235671, AI740682, AA770521, AA428282, AI522043, AI276457, AI984187, AI382430, D79844, D62692, AA741145</p>
1341	HCQAQ14	876081	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 948 of SEQ ID NO:1341, b is an integer of</p>	<p>N52898, N40697, AI221215, AI961502, N27935, AI538394, AW366714, AA557734, AI916398</p>

1342	HQBN16	876082	<p>15 to 962, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1341, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 248 of SEQ ID NO:1342, b is an integer of 15 to 262, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1342, and where b is greater than or equal to a + 14.</p>		
1343	HWLQE13	876086	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 819 of SEQ ID NO:1343, b is an integer of 15 to 833, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1343, and where b is greater than or equal to a + 14.</p>	<p>AA284114, AA878237, AI440478, AI183980, AI830413, AI693370, AW167651, AI284239, AI087052, AA025164, AI075952, AI276058, AA781007, AI333050, N69861, N99037, W47304, AA626017, W47171, AI672591, AA885176, AA644449, AI222118, AI080182, AA055097, AI350932, AA526741, AA524562, AA719566, AA055070, AA397901, AA890555</p>	
1344	HWMBS01	876088	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 432 of SEQ ID NO:1344, b is an integer of</p>	<p>AI023441, AI242040, AA847082, T50456, AA331171, AA650226</p>	

1345	HKLAA70	876089	<p>15 to 446, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1344, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 352 of SEQ ID NO:1345, b is an integer of 15 to 366, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1345, and where b is greater than or equal to a + 14.</p>	AA259061, Z56085	
1346	HWLCK07	876090	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 412 of SEQ ID NO:1346, b is an integer of 15 to 426, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1346, and where b is greater than or equal to a + 14.</p>	AW083180, AI817883, AW138123, AI832211, AF009961, AF127026, AF105424	
1347	HISAV29	876091	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 553 of SEQ ID NO:1347, b is an integer of</p>	R98881, Z93242, AF160728	

1348	HXLXE78	876093	<p>15 to 567, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1347, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 568 of SEQ ID NO:1348, b is an integer of 15 to 582, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1348, and where b is greater than or equal to a + 14.</p>	AA196426, AI796138, AA308423, AI818489
1349	HSLHI12	876094	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 265 of SEQ ID NO:1349, b is an integer of 15 to 279, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1349, and where b is greater than or equal to a + 14.</p>	
1350	HCQCX03	876095	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 513 of SEQ ID NO:1350, b is an integer of</p>	W89052, AL133355

1351	HCQCR12	876097	<p>15 to 527, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1350, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 622 of SEQ ID NO:1351, b is an integer of 15 to 636, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1351, and where b is greater than or equal to a + 14.</p>	D80188, C14389, D59275, D50979, D80043, D58283, D80391, D59787, D80196, D80227, D80522, D51022, D59859, D80022, C14331, D80166, D80195, D50995, D59467, D51423, D59619, D80210, D51799, D80164, D80240, D80253, D59502, D59927, AA305409, D80269, D81030, D80247, D81026, D80248, D80212, D80366, D80219, AA305578, C15076, D57483, D80038, D59610, C14014, D51060, D59889, D80439, D80193, D80133, D80045, D80024, D80268, AW360811, D80378, AA514186, AA514188, AW177440, D80302, D80251, D80241, T03269, C14429, AW178893, AW377671, AW375405, D51103, AW177731, D80157, AW178983, AW178906, D51759, AW366296, AW179328, AW360844, AW360817, AW179020, C75259, AW375406, T48593, AW378534, AW179332, AW377672, AW179023, AW178905, AW378532, AW178908, AW177501, AW177511, C05695, D59373, AW179024, AW352171, AW179004, AW377676, AW378528, AW352170, AW178907, D80132, AW178762, AW179019, AW360834, C06015, AW177505, D80134, AW176467, D51250, AW360841, D58253, AW367967, AW178775, AW369651, D59653, AW178909, AW177456, AW179329, AW179009, AW178980, AW178914, AW178911, AW177733, AW178754, AW179018, AW352158, D51079, AA809122, D80014, AW352117, D45260, AW367950, AW178774, AW352120, F13647, AW378525, AW179012, H67854, AW177722, AW352163, T11417, C03092, D52291, H67866, AW378543, D59627, AW177728, D80168, D81111, AW177723, AW378540, D51213, AI525923, AI910186, AW178986, C14227, C14973, AW178781, AI905856, C14298, AI535850, T03116,
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1352	HPJBW76	876098	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 540 of SEQ ID NO:1352, b is an integer of 15 to 554, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>N50949, AA329541, AL120708, AI922673, D63195, H05929, AI679480, AA808536, F03253, T80197, AA125781, AC010169, AC002300, AC004526, AC003010, AC005183, AC007993, AC005258, AC005057, AC002425, AC004878, AP000501, AC005871, AL133163, AC005844, AC005363, AC008149, H82274, AA665465</p>

1353	HCQCD81	876101	<p>NO:1352, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 669 of SEQ ID NO:1353, b is an integer of 15 to 683, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1353, and where b is greater than or equal to a + 14.</p>	<p>AA019633, AT290219, AA020897, AI278259, R37194, AA021465, AA018170, AA018313, AA019821, T05511, AI335614</p>
1354	HCYBF60	876104	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 420 of SEQ ID NO:1354, b is an integer of 15 to 434, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1354, and where b is greater than or equal to a + 14.</p>	<p>R92525, AA205785, AA173507, AW239243, AA305229, AA305174</p>
1355	HCQCD09	876105	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 419 of SEQ ID NO:1355, b is an integer of 15 to 433, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA594230</p>

1356	HWLVY67	876107	<p>NO:1355, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 618 of SEQ ID NO:1356, b is an integer of 15 to 632, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1356, and where b is greater than or equal to a + 14.</p>	<p>AI088192, AI992372, AI992373, AA768994</p>
1357	HMAKC34	876108	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 954 of SEQ ID NO:1357, b is an integer of 15 to 968, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1357, and where b is greater than or equal to a + 14.</p>	<p>AA706348, AI742004, AA612742, AA418899, AA622550, AI688045, W04608, AA639641, N73891, AI306136, C75175, N54079, AA037389, U40583, X70297, AF036903, AF037646, AR055255, U62436, Z23141, L25827, AF087689, Y08420, X93604, AJ245976</p>
1358	HNGBJ13	876109	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 704 of SEQ ID NO:1358, b is an integer of 15 to 718, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	

1359	HCFP28	876117	<p>NO:1358, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1614 of SEQ ID NO:1359, b is an integer of 15 to 1628, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1359, and where b is greater than or equal to a + 14.</p>	<p>W38691, AW170228, AW204712, AI342478, AA214559, AI301837, AI038938, AA041552, AA975363, AW207768, AI280415, AW241161, AI698575, AA213418, AI192391, AL042921, AL042806</p>
1360	HCR0H40	876118	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1283 of SEQ ID NO:1360, b is an integer of 15 to 1297, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1360, and where b is greater than or equal to a + 14.</p>	<p>AW340002, AW263252, AI302813, AA806234, AW337920, AI800828, AI685453, AA582942, AW150706, AI566501, AI802925, AI022951, N32077, AA743819, AI160053, AI336188, AA643850, AI091958, AW081284, AA512938, AI687081, AW051587, AA884985, AI738521, AA812286, AI185199, AI761431, AA403009, AA047094, AW130755, AI554205, W60982, AW069431, AA143405, AI086947, AI952635, AA862513, AW025157, AI674916, AI911657, AA457705, AW418700, AW009464, AI684131, AI811699, AI613185, AA043722, AA101008, AI812095, AA143404, AI695151, AA662383, W52268, AA034911, AI445209, AA410666, AI306627, AA152449, AI446572, AI760791, AI093619, AI955408, AI344379, AI739460, AI824906, AW002682, N29782, W52269, AA622005, AA586560, AI798484, W47540, W47587, AI795838, AA861143, AA524329, AA047184, AA506568, AW198106, AA936419, AW021602, AA506574, W45220, T49532, AI357909, AW168465, N25070, AA152448, AA907471, AA301628, AA641358, AA515290, W39753, N45391, H80074, AA431547,</p>

1361	HKAAK32	876121	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2690 of SEQ ID NO:1361, b is an integer of 15 to 2704, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1361, and where b is greater than or equal to a + 14.</p>	<p>AI934135, AA927158, AA587966, AA372266, N25911, AA535141, AI918662, AW021800, AA613551, AA913677, F35471, AA102493, AI795855, AI718365, AA613011, AA480815, AA903677, AI872650, T49531, H80073, AA973783, AW375945, AA505724, AA514710, AI927674, AI475421, N57203, F24647, AA356940, AI936211, AA043424, AW367127, AA034978, AA593644, AI472573, AW374518, T10460, AA587154, AA431094, AI810621, AA918275, AI336721, AI709355, AI313344, AW004782, AA062797, AA632243, AW059882, N34155, AI557285, Y14551, AP000512, AB023051, AC006165, S81914, AF071596, AF039067, X96438, AF083421, AJ227914, Y16736</p> <p>AA576961, AI795908, AL120038, AW071648, AI923078, AI650566, N27861, AA020770, AI693672, AI828327, AW408804, AI423373, AW275975, AI656898, AA307019, AL121002, AI359865, AA088194, N73008, AI926866, AI079417, N35619, AI955093, AA258396, AI589460, AA856996, N21585, AI679493, AI824968, AI813785, N40634, AA857168, AI203273, AI079737, AW382798, AA332511, AA806210, AI913138, AI675042, AI868760, AA641278, AI371462, AA995175, H92531, AA113084, R66601, D79238, AW151392, D12298, D56582, AA380178, AW391828, AI352031, Z21892, AI940086, Z50194, U92983, U44088</p> <p>W07169, AA838748, AI985511, N78574, AI200281, AI658709, AW016259</p>
1362	HCQDQ31	876123	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 896 of SEQ ID NO:1362, b is an integer of 15 to 910, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	

1363	HHEEN22	876126	<p>NO:1362, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1809 of SEQ ID NO:1363, b is an integer of 15 to 1823, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1363, and where b is greater than or equal to a + 14.</p>	<p>AI361002, AI969720, AI805386, C06251, AI304680, AI885442, AI869317, AI306681, AI634959, AA653629, AI336898, AW192256, AW236693, AI870517, H10595, R52073, R73296, AI798507, AA464725, AI927008, M78003, AA479858, AA463941, R74154, AI582506, AA987791, AI094500, AA477492, AA464077, AA340304, AA781562, AA433963, R45811, AI361797, AI805569, AI685621, AI669742, N58164, F33325, AI889215, AA297873, AI304641, AL045494, AL042523, AL045327, AL135012, AL134110, AL134524, AL042420, AL042468, AL045328, AL042519, AL042741, AL042655, U46344, AL047163, AL045891, AL045326, AL042898, AL043089, AL043321, AL046356, AL042488, A85203, AR066494, AL122101, AL133053, AL133074, AL133049</p>
1364	HRABR73	876127	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 423 of SEQ ID NO:1364, b is an integer of 15 to 437, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1364, and where b is greater than or equal to a + 14.</p>	<p>AL039087, AL037259, AL041296, AL041098, AL043440, AL040464, AL041358, AL041324, AL041096, AL047012, AL043538, AL044162, AL045725, AL040576, AL041197, AL043612, AL039915, AL040553, AL041131, AL039432, AL047219, AL047057, AL047170, AL040119, AL047036, AL041292, AL041051, AL047183, AL040322, AL046330, AL041238, AL040529, AL041142, AL045817, AL040625, AL040510, AL043467, AL044186, AL040253, AL044037, AL040091, AL040128, AL040168, AL040255, AL040285, AL040342, AL040332, AL040617, AL045684, AL040745, AL049069, AL041346, AL043677, AL046442, AL045857, AL040839, AL041752, AL038822, AL043775, AL044165, AL041133, AL043492, AL041602, AL045920, AL038838, AL045753, AL041227, AL044074, AL043537, AL041635, AL045990, AL040458, AL044199, AL044187, AL046150, AL040090,</p>

	AL040263, AL040294, AL040329, AL044274, AL040082, AL044272, AL040148, AL040472, AL041730, AL041523, AL043627, AL049018, AL046392, AL040463, AL041374, AL040052, AL043845, AL042135, AL044064, AL038983, AL039316, AL043923, AL043814, AL045671, AL043848, AL041459, AL043570, AL041577, AL044201, AL044258, AL046850, AL046147, AL038532, AL040768, AL037727, AL041140, AL046327, AL046994, AL042712, AL040414, AL040571, AL046097, AL043496, AL046914, AI142134, AL040621, AL041186, AL039744, AL041086, AL042096, AL040444, AL080031, AL041955, AL041168, AL041159, AL041233, AL041246, AL079878, AL041277, AL041163, AL040193, AL040370, AL041278, AL037436, AL045994, AL040155, AL045784, AL040149, AL039360, AL037435, AL038761, AL045989, AL040075, AL039338, AL037443, AL079852, AL037335, AL046099, AL037295, AL047131, AL040238, AL037341, AI546855, T23985, Z30131, AI547039, AL045211, AL045340, AI546899, AI541509, AI5485439, AL041347, AL043444, T23957, AI541510, AI541317, AI525306, T23888, AI541365, AI540967, AI525556, AI547006, AI541514, AI525431, AI541374, AI541534, AI535639, AI546999, AI5485453, AI525321, AI557787, AI526194, AI541506, AI535813, AI546891, AI541017, T24112, T02921, T24119, AL039156, AL044530, AL036630, AL039504, AW451416, AW013814, AL039555, AL039509, AL039564, AL039538, AL038043, AL039108, AL039678, AL039566, AL039074, AL038837, AL039521, AL039625, AL039648, AL039659, AL039629, AL045794, AL039476, AL043586, AL037726, AL038531, AL039109, AL040992, AL039924,

	AL039128, AL044407, AL036973, AL042909, AL045341, AL045337, AL044412, AL037051, AL045353, AL039386, AL039423, AL039410, AL044364, AR067731, AR067732, AR051651, I25027, I26929, I44515, I26928, I26930, I26927, A29109, A32111, I44516, AR027100, A49045, AR009152, AR009151, AR067734, A83151, AR068508, AR068510, AR068509, I58322, I58323, I85513, AR054109, Z96177, AR068550, A23373, AR068551, X85060, E01324, I08638, A70359, AR016495, A95117, A93936, A94048, A94061, A94046, A94054, I07209, I07249, AR067733, AR029418, A63954, I09267, I09270, I09268, I09269, A49701, I09252, I09251, AR029417, AR035224, I58669, AR038066, AR027099, A27169, A27170, A39929, AR038307, AR038321, AR051652, AR038306, AR038320, I91969, A83642, A83643, X89399, I25041, AR018924, A48774, A48775, A38214, A44171, I56772, I95540, A63067, E01239, E01561, A51047, A63064, A63072, AR068507, AR068506, AR064436, AR000006, AR015960, AR000007, AR015961, A92081, AR027319, A91752, A91751, AR027318, A92080, A92077, A92078, A92079, AR031374, A49700, AR031375, A58521, AR020969, E01619, I06159, A93445, AR003585, A06633, A60212, A60209, A60210, A60211, A32110, A83180, A60206, A93446, A91754, A64973, A84772, A84776, A84773, A84775, A84774, AR037157, A86792, A58522, A68112, A68104, A91750, A11245, A20702, AR062871, A43189, A43188, A20700, A98420, A98423, A98432, A98436, A98417, A98427, I66495, I66494, I66498, I66497, I66496, I66487, I66486, X83865, A85395, A85476, AJ244004, I15353, E12566, E12564, E12565, A98767, A93963, A93964, E14304, AR062872, A81878, AR062873, A25909, AF082186, AJ244003, A58524, E16678, A58523, D78345, AR038762,

1365	HWMBX6 8	876137	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 509 of SEQ ID NO:1365, b is an integer of 15 to 523, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1365, and where b is greater than or equal to a + 14.</p>	<p>E03627, Y16359, AR055048, AR055051, AR055049, I66488, I66489, I66490, I66491, I66492, I66493, A91965, I66481, I66482, I66485, I66483, I66484, AR012640, I15718, I15717, A92133, I08395, M28262, I08396, A70040, A93016, I00682, A20699, A11623, E00609, A11624, I18302, E00696, E00697, E13740, A11178, E01007, I13349, E03813, A10361, AR035975, AR035977, I48927, I60241, I60242, I03331, A02712, A02710, E12615, AR035193, A77094, A77095, A07700, A13392, A13393, I62368, AR031488, I13521, I52048, A27396, I63120, AR017907, AR043601, A95051, A18053, I49890, I44531, I28266, A18050, A23334, A75888, I70384, A60111, A233633, I21869, AR007512, A24783</p>
1366	HE8OF49	876139	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2141 of SEQ ID NO:1366, b is an integer of 15 to 2155, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI809519, AI733273, AI700619, AW444492, AI701407, AI268747, AW023153, AA933010, AI216153, AW450105, AI268633, AI793298, F03428, H09383, H09323, Z44285, AW297395, F04852</p>

1367	HWLHY12	876140	<p>NO:1366, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1710 of SEQ ID NO:1367, b is an integer of 15 to 1724, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1367, and where b is greater than or equal to a + 14.</p>	<p>AW394038, AW157294, AW394036, AW163057, AA306435, AW362974, AW157089, AW362965, AI878985, AW162479, AA146857, AW362967, AA311937, AW362962, AA306611, AI879487, AW362949, AA774684, AA813993, AW362950, AW403413, AW362951, AW407973, H59390, AW362956, AA310305, AA360185, AA332342, AA120901, D81998, W21240, R18124, AA312498, AA971457, AI223218, AA377328, AA300637, AW163350, AA248513, AA377822, AW366952, AI690275, N91094, AL021808</p>
1368	HCQBL07	876141	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 359 of SEQ ID NO:1368, b is an integer of 15 to 373, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1368, and where b is greater than or equal to a + 14.</p>	AA668479
1369	H2LAJ32	876142	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 807 of SEQ ID NO:1369, b is an integer of 15 to 821, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA313981, AA513970, D80022, D59787, D59927, D59502, D50995, D80391, D81030, D80188, D80166, D58283, D80212, D80196, D59619, D80210, D80240, D59859, D80195, D80193, D51423, D51799, C14389, D59275, D80253, D80043, D80227, D80219, D80164, D57483, D80269, D80366, D80038, D50979, D59889, C14331, T03269, C15076, D59610, D80378, D80024, D59467, D80045, C14429, AW178893, D80241, AA305409, D51060, C75259, C14014, D51250, D80134, AW179328, AW178775, AW352158, AW378532,</p>

			<p>NO:1369, and where b is greater than or equal to a + 14.</p>	<p>AW177440, D81026, F13647, D51022, AW369651, D80268, D80522, AA305578, Z21582, AW178762, D80168, D80949, C14227, D58253, AI910186, AI905856, D80251, AW177501, AW177511, D81111, D80248, AW360811, AA514188, AW378540, AW352117, D80064, AW176467, AW375405, D80133, AA285331, AW377671, AA514186, C14298, D51097, AW366296, AW360844, AW360817, AW375406, C14407, AW378534, AW360834, AW179332, AW377672, AW179023, AW178905, C05695, AW179024, AW178906, AW179020, AW352170, AW177456, AW352171, D80132, AW377676, AW177731, AW179220, AW178907, AW178754, AW179019, AW177505, AW360841, AW178909, AW179004, AW179329, AW179012, AW178980, AW177733, AW378528, AW179007, AW178908, AW179018, AW178971, AW177714, D80439, D80302, AI557751, D80247, AW352174, AW178914, AW378525, AW177722, AW367967, AW178983, AW177728, AW352120, AW179009, AW178774, AW178781, AW178911, AW378543, AW352163, D51103, T11417, D80157, D80014, T48593, D51759, T03116, D59627, AW177723, D59503, D58246, D80258, AI557774, C06015, AW378539, D58101, AW378533, AW367950, AW178986, D59653, AW177508, AI535850, T02974, D45260, C03092, AW177497, C14975, D51213, AW177734, H67854, H67866, AA809122, AI525923, D59474, AI525917, D59317, C14973, D45273, C14344, D51221, AW179013, AW178759, D59551, AI525920, D60010, AA514184, AI535686, AW378542, T03048, AA033512, D60214, AI525227, C14046, C04682, AW360855, AI525235, C05763, AI525925, AW378520, AI525242, AI525912, AI525215, AI535961, C16955, AC007695, A84916, A62300, A62298, AJ132110, D26022, A25909, Y17188, X67155, AR018138, A67220, D89785, A78862, D34614, D88547, X82626, AF058696, AR025207,</p>
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1370	HSIAD07	876146	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 409 of SEQ ID NO:1370, b is an integer of 15 to 423, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1370, and where b is greater than or equal to a + 14.</p>	<p>AR008278, AB028859, Y12724, AB010386, AB012117, X68127, A85396, AR066482, A44171, A85477, A94995, I19525, A86792, U87250, AB002449, X93549, A82595, AR008443, AR060385, I50133, I50126, I50132, I50128, AR066488, AR060138, AR016514, A45456, A26615, AR052274, A43192, A43190, AR038669, Y09669, AR066490, AR066487, AF135125, I18367, A30438, Y17187, D88507, D50010, A63261, I14842, AR008408, AR054175, AR062872, A70867, AB033111, AR016691, AR016690, U46128, A64136, A68321, AR008277, AR008281, D13509, AR064240, AR060133, X64588, U87247, I79511, AB023656, U79457, AF123263, AR032065, AJ000347, X93535, AR008382</p>
1371	HWLNZ56	876151	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 639 of SEQ ID NO:1371, b is an integer of 15 to 653, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA376851, AF067844</p> <p>AI636631, AA309020, AI744144, AW009754, AI700328, AI673552, T55187, T16814, R87983, AA514537, AW014851, R89617, AI202634, AA652368, AI695471, T04994, D50992, T18597, AI535639, Z32887, D59751, AI525556, AI535660, Z33559, AI557084, AI557262, AI536138, AI525500, AI557864, AI541205, AI557082, AI557533, AI526078, AI540903, C14228, AI525316, HG5400, AI525302, AI525757, N71206, AI557317, AI541356, AI557312, AI525852, AI541075, AI557809,</p>

1372	HLQBA23	876152	<p>NO:1371, and where b is greater than or equal to a + 14.</p>	<p>AI557731, AI541365, AI525661, R29657, AI541353, AI525856, AI541321, AI557155, AI557238, AI525666, AI541450, AI541034, AI557258, AI557474, AI547196, AI525568, AI557602, AI540974, AI557041, AI535828, AI536150, AI535813, AI546829, D30843, AI557039, AI557154, AI525656, AI547177, AI557543, AF117946, A62300, A62298, AR050070, A82595, A82593, U94592, Z30183, AF005072, U41654, AR025466</p> <p>AA777628, AW085142, AA748330, AA811973, R89234, AA730279, R89233</p>
1373	HDPQV66	876153	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 893 of SEQ ID NO:1372, b is an integer of 15 to 907, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1372, and where b is greater than or equal to a + 14.</p>	<p>AI188509, AA133311, AA748711, AW006796, AA808751, AI636357, AI126533, AI125369, AI298453, AW166241, AA830092, AA033555, AI765118, AI096536, AI362676, AW303885, AI810267, AI304494, AW369295, AW369278, AI278826, C06204, AI298997, AA934415, AI803059, W45399, AA911937, AI285295, AW369353, H20014, AA846303, AA620334, AI380981, AA046599, H20084, AA856630, H41028, W32278, AA259115, AA348014, W57679, H41029, AI862059, AA436105, AW378921, H23401, W40332, AW370532, AI283494, H23290, AA838806, AA348015, R22761, AI702112, AA737279, AA736690, R22707, AA731236, R22706, R43410, AA133178, R43411, N49145, R23256, AA932492, AW002378, R23332, AA046727, AA976863, AA248262,</p>

1374	HODEJ02	876155	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2638 of SEQ ID NO:1374, b is an integer of 15 to 2652, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1374, and where b is greater than or equal to a + 14.</p>	<p>AW151330, N54032, AI784141, AA604954 AI936171, AI660616, AA723024, AA190582, AA702472, AA947752, AI814600, AA075189, AW020121, AW294648, AA757206, AI125830, AI696932, AI921488, W15540, AA167043, AA305635, AA830086, AI658993, AI436142, AA962072, AA284969, AA425011, AA250752, AA828460, D56246, AI741195, AA251400, AA829606, AI032702, AW079530, N49067, AA749129, AA279652, AA495947, AI026876, W31634, AI282893, AW079538, AA459370, AI074276, H89116, AA502299, D56326, AA284995, W32623, AA904260, AI001813, H89222, D56456, AW242319, AA250829, AI040832, AA837963, AW295502, AA442409, AA253372, AA279862, W03753, AA452047, AI289978, AA327787, AA634468, AA298940, AA459595, AA991736, AI090474, AA603227, AA730869, AI191872, D61332, AA634018, N86750, N79236, AI280656, AA211438, AA908725, AI695184, D62649, AA358933, N75598, AA811697, AI094362, F35399, N50196, AA075188, AW205837, AA773229, AF100156, AW364866, AC003042 AW360816</p>
1375	HWMBZ31	876156	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 313 of SEQ ID NO:1375, b is an integer of 15 to 327, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1375, and where b is greater than or equal to a + 14.</p>	
1376	HLTCX04	876166	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AA485808, AA505129, AI149019, AI970131, AI829798, AA346059, AA367024, AA371138, W39118, AA491324, AI817772, AA300274, AW194921,</p>

		<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1239 of SEQ ID NO:1376, b is an integer of 15 to 1253, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1376, and where b is greater than or equal to a + 14.</p>	<p>AW166155, AI652296, AA824496, AI301046, AI249946, AL040694, AI241223, AI915295, AI250646, AA088789, AI471429, AW021717, AL036509, AL039011, AI500061, AI702527, AW059828, AW196720, AW163834, AA928539, AI538885, AL036705, AI969655, AI223980, AI434731, R53741, AI524654, AI401697, AA837391, AI799313, AI687568, AI623941, AI752007, AI580027, AI333104, AI274759, AL079740, AI345415, AL046849, AI682958, AA057840, AI374827, AI250353, AI586931, AI432644, AI805688, AI583578, AW088560, AA805708, AI565172, AI440238, AI658566, AI491842, AW151979, AI702540, AW172723, AI784214, AW263569, AI345688, AW055252, AI699020, AW021662, AW118508, AI590830, AW051088, AW022636, AW195253, AI887163, AI702343, AA587590, AA575874, AI801325, AI242248, AW162189, AI345010, AI344785, AI343325, AW151451, AI309306, AA259207, AI964011, AI802826, F36855, AI890887, AI345553, AI355779, AA827691, AI923989, AI289791, AI349967, AW083573, AW020381, AI280607, AI927233, AA761557, AW403717, AI308032, N75771, AI581033, AI452857, AI584118, N81195, AI627714, AI699823, AI590755, AI539260, AI860027, F34030, AI915291, AI499986, AW082532, AI348897, AI114703, AI125109, AI811192, AI688854, AI345745, AA830396, AL119791, AL047675, AL036548, AI285439, AI270039, AI688848, AI537516, AI926593, AI690813, AW194014, AI005511, AI859644, AW104141, AI784233, AI633125, AI469516, AW020046, AI698391, N63128, AI815232, AI612885, AL036265, AI817523, H89138, AI500523, AW088605, AI648699, AI241741, AI582871, AA225339, AI582932, AA514684, AI623797,</p>
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	AI619820, AA580663, AI491710, AI623363, AI783569, N99092, AI539632, R65859, AI889189, N71180, AI361701, AI491904, AI435253, AA641818, AI866573, AI343091, AI310575, AI345417, AW161098, AI161279, AI302590, AI335363, AI366984, AI583032, AI538850, AI963058, AW078729, AL047100, AL037602, AI433611, AW025279, AI590043, AI305157, AW089293, AI815855, AI299903, AI340533, R20540, AI349957, AW020592, AI288335, AI685211, AW161202, AI096771, W74529, AA493923, AI345471, AA767039, RI0067, AL037582, AI559863, AI345005, AI918554, AW022494, AW079768, AI680504, AW191003, AW020288, AW009306, W45039, AL048499, AA768369, AI360195, AI630252, AA555145, AW020095, AI569616, AI35024, AW089572, AW084097, AI671642, AA279795, AI800341, AI890907, AI225000, AI357599, AI621341, AC006512, E01573, E02319, AF091512, AF067790, S61953, I48978, AL137640, AJ238278, AF002672, I89947, AR038854, A08913, I03321, AL117432, AL137258, AL133557, A08912, A08911, AF026816, AI8777, X82434, S77771, AF000167, AF116573, S76508, AL133665, AL137476, AF159615, E12580, X75295, S83456, A21103, AF028823, L13297, E05822, AF141289, AL117583, E15582, AF090886, AL049452, AL050393, AF019298, A08910, AJ004832, AF113013, I89931, A08909, AF017437, X79812, AF106657, AL137550, I49625, A08907, A08908, AL122050, A77033, A77035, AF176651, I32738, AL137548, A48221, AF013214, AF185576, AL137521, A48220, I89934, Y10823, A65341, A76337, AF087943, U95114, AF090903, AF032666, AF008439, Z97214, U77594, D83032, AL133084, I33392, X06146, AL122100, AL122045, AL137533, S68736, AF090901, AL122121, X72387, A23630, E12747, X66862, AL049382,

				<p>AF120268, AL137538, AF061981, U72621, AF061943, AL035458, AL136884, AF113677, AL122106, AF026030, AL050278, A07647, AL137495, A90844, AF111851, AL137459, Z37987, AL110221, AL110158, AL080140, U62966, AL080147, AF180525, AL137705, E06743, U36585, AL133560, E02152, AF111112, U75932, AF078844, AF113694, AF090934, A57389, S63521, AL133054, A86558, AL137286, AL133558, U67958, X61399, AL080159, AR000496, AL049430, U39656, X80340, AR029490, AL117626, AL137271, AF210052, Z82022, X52128, AF109155, AL137711, Y14314, AF026008, AF124728, AL133016, AF158248, AL122118, AL122093, AL080148, AL133113, AR068466, AL133010, AF182215, M92439, AF107018, Y08769, AL080118, S54890, AF183393, A65965, M19658, AF195092, AL122049, L19437, Y16645, X56039, A65340, Y11587, AL137478, AL080154, AF200464, AR059958, AF043493, AF061795, AF118558, AF151685, AF199027, A65943, U78525, AL050155, AL117435, E02221, E01614, E13364, L04504, AB029065, J05277, X96540, AR011880, I89944, I22272, AF091084, AF145233, AB028451, AL050277, E12579, I26207, I22020, AF146568, U35846, AF102578, U89295, AL110280, U88966, AL137463, AR013797, AL137554, I09360, AL137298, AL133640, AF162270</p>
1377	HYABC06	876168	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 657 of SEQ ID NO:1377, b is an integer of 15 to 671, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>W00981, AA095481, N79184, AI693730, AA113788, AA096381, AI373515</p>

1378	HLYDI04	876169	<p>NO:1377, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 487 of SEQ ID NO:1378, b is an integer of 15 to 501, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1378, and where b is greater than or equal to a + 14.</p>		
1379	HBXFF23	876170	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 948 of SEQ ID NO:1379, b is an integer of 15 to 962, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1379, and where b is greater than or equal to a + 14.</p>	W03002	
1380	HDPBG07	876172	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2921 of SEQ ID NO:1380, b is an integer of 15 to 2935, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AW450363, AA806222, AI697498, AW379227, AI950341, AA477713, AW262972, AI762090, AI143168, AA062917, AW055125, AI708563, AA722270, AI190178, AI147612, AA188072, AI524191, AA280235, N44673, AI921393, AI291105, AI760852, W68464, N26444, AI373000, AI302843, AI097247, AI160536, T66196, AI804233, W78020, AW138636, AI423991, AI089967, C75569, AA565899, AI279995, AI565961, AW341212, H99338, AI299654, AA631426, AA419222, AA663984, W73977, AA954140,</p>	

			<p>NO:1380, and where b is greater than or equal to a + 14.</p>	<p>W51950, W69512, AA410280, AI491793, AI393820, AA128340, AA349786, AI424298, C75628, H29446, AA213410, AA599925, N35301, N44876, H29445, H43944, AW407957, AI186159, N95537, AA730169, AA662641, AW241690, AA838196, W04289, AA187171, F12045, W73396, H96739, AA082450, N54637, AI693584, AA514420, AI266534, W69601, AA805928, AA255924, N3412, C75660, AI351695, AA386137, AW291308, AI656702, AI242486, AW026628, AI423698, AW405587, H45912, AA582631, AA244409, T91940, AI693563, R81438, AI868184, H42592, AA355526, AA349785, T84915, AI001044, AW079738, Z29930, R80195, F09688, H43066, AW273143, R74231, AA419207, AI205120, H00493, AI918592, H23921, R81641, AA345108, AA361827, AI707909, AA310049, AA346697, W69413, AW407592, T66132, T87190, T18570, T87277, T18595, D61617, W24226, AA281534, T10717, AA213409, AA503305, AA477714, R50328, N44051, AA928401, AI018524, N74140, AA761812, W69429, AA922945, AI381590, AI347968, N24768, AR038868, AB016811, AR055261, AR038869, AR055262</p>
1381	HCYBF02	876174	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 612 of SEQ ID NO:1381, b is an integer of 15 to 626, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1381, and where b is greater than or equal to a + 14.</p>	<p>AA305198, AA134366, AA259244, AI078409, AA338262, R91816, AI591375, AI460050, AA601376, AI909130, AW338376, AA484658, AW272389, AI890297, AL035847, N54947, AA522642, AA847096, N80390, AL039471, AA078337, AA515176, AW008089, AA171400, AA595499, AW247866, AW250983, T94247, AI468971, AA349437, T05143, AA297682, AI935827, AA833896, AA833875, AA493464, AW168520, AA350593, AA610381, AA568494, AI952885, AA772140, AL044674, AW080062, AA526542, AA847711, AA665645, AA601674, AA335314, AA507745, AI050050, AW088745, AI271693, T26553, AI224583, AA320262, AA847095, AA493136, AI064918, AA743517, AI000381, AA595661, N59648,</p>

	RI0475, AA679937, AW029515, AA666052, AA640685, AA218684, AA548390, AA584862, AA283455, AI440037, AA613627, AA524604, AI583321, F31380, AA523132, AL118823, AA199578, AW021105, AI918661, FI8553, AW419209, AA314494, TS7562, AI049845, AA551105, R92608, N26159, AI251576, AA582975, H88429, AI927275, AL040054, AI272241, AA687730, AA634882, H62123, AW169038, AA071173, AA613231, L78810, AL022330, AC004032, AC004925, AC004914, Z77249, AC004973, AF196970, AL079339, AC007649, AC007842, AC004986, AF205588, AP000031, Z75744, AL031293, AC006539, AC003668, AC005549, AL121578, AL049636, L05367, AP000038, AL021407, AL133485, AC004929, AC006026, AL035086, AC000115, AL031283, AL022165, AL031781, AP000279, AC004526, AP000135, U63834, AC005082, AP000106, AC007308, AP000305, Z98744, Z95125, AL035413, AC006251, AL109865, AL031073, AC005184, AC001226, AP000047, AP000115, AF134726, AC004996, AD000684, AP001052, AC007240, AF165141, AC006509, AC005484, AC004383, AC009731, Z98049, AC011456, AL031433, AC004087, AC007537, AC004079, Z98884, AC007541, AC005859, AC004263, AC004988, AL035653, AC002544, U91326, AC005412, AC002425, U95742, AL034419, AL009047, AC007533, Z83826, AC007216, AC002300, AC005828, AF207955, AL035460, U91321, AC004984, L29074, AP000261, AF222686, AL034379, AL031652, AC005632, AC007463, AC005209, AC002403, AP000100, AP000035, AC005048, AP000123, AP000055, AP000170, Z98048, AL079306, AL022322, AC006241, AL080239, AC002395, AL023883, AC005229, AL133396, AC004468, AC000378, Z69705, AC004063, AL033504, U91323, AL135960, AJ131016, AC004754, AC007371, AC005046, AC002110, AJ006345, AC005832,

1382	HTWDI21	876177		<p>AC005829, AP000010, AC004961, AC005725, AL022239, AC002105, Z98050, AC005225, AC006270, AL031584, AL034451, U82828, AC008064, AP000247, AC007066, AP000255, AL049832, Z84484, Z84572, AC004853, AC002039, AC006062, AL033527, AL031733, AP000497, Z97353, AP000503, AL133353, AL008712, AC005377, AL096791, AC003676, AC005690, AC004938, AC007388, AC005876, AC006142, AP000102, AL034429, AF222685, AL121576, AC002492, Z73358, AP000351, AC008372, AC009399, Z97184, AL049829, AC004099, AC007538, AC005253, AL121694, AL122003, AC006430, AP000201, AC007539, AL022328, AF049895, AC002064, AC006385, AC005042, AC007955, AC007731, AC004975, AP000097, AC007682, AL049712, AL022163, AC009248, AL031985, AC006155, AP000356, AC005191, AC006965, AC007385, AC005988, AF128525, AC004033, AC005409, AL023095, AC004953, AL035411, AL049773, AC005154, Z84469, AC005500, AL021331, AC012380, AL031054, AF165926, Y10196, AP000354, AL008718, AL031287, AC000353, AC010205, AL050326, AC005375, U82696, AP000338, AL132987, U71148, AC004794, AC007200, AP000216, AC003098, AC005585, AC006141, AC005342, AP000352, AC006277, AC005378, AC004815, AC005660, AF023268, AL031055, AC004876, AL031729, Z68287, AI656807, AA897632, AW151919, AW271601, AA287933, AI393569, AA644542, AI248118, AA707517, AI240868, AI247781, AI076324, N68357, AI380870, T87807, AA808229, AW197425, AA835077, Z40387, AI458836</p>
				<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 569 of SEQ ID NO:1382, b is an integer of 15 to 583, where both a and b correspond to the positions of</p>

1383	HATED01	876179	nucleotide residues shown in SEQ ID NO:1382, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 503 of SEQ ID NO:1383, b is an integer of 15 to 517, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1383, and where b is greater than or equal to a + 14.	AI792782, AI191919, AI765864, AI733139, AA702347, AI220405, AI423312, AI478373, AW302194, AI423507, AI916231, AI627973, AW173486, AI086574, AI701146, AI521715, AI917438, AI678790, AI925944, AI770081, AA760715, AI904742, AI582603, AI990352, AI951007, AI655622, AI650463, AW173518, AI393071, AW236096, AI989921, AI022200, AI024409, AI393059, AI695050, AA888360, AI206995, AI077536, AI474034, AI452440, AW194978, AI076106, AI206908, AA969379, AA551593, AI223442, AI302211, AI968178, AI571592, AI241002, AL034553, D86198, AF007875, AB004789
1384	HWLVU14	876182	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1216 of SEQ ID NO:1384, b is an integer of 15 to 1230, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1384, and where b is greater than or equal to a + 14.	AI347147, AI738411, AI439130, AA514394, AA595253, AI269359, AW028586, AI936898, AI739648, AW242697, AW027766, AA081901, AI739639, AW157368, AI739255, AI393079, AI244459, AA226866, N99765, AW418654, AA480225, AA905814, AA999828, AC007501, U80736
1385	HOVC112	876183	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 368 of SEQ ID NO:1385, b is an integer of	AA307780, AI923248

1386	HCVBB01	876184	<p>15 to 382, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1385, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1188 of SEQ ID NO:1386, b is an integer of 15 to 1202, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1386, and where b is greater than or equal to a + 14.</p>	<p>AW188031, AI9222934, AA504414, AI536863, AA744849, AA972022, AA309130, AI569395, AA135144, AI570856, AW021626, AA904846, AA962329, AA737604, AI351478, AI560610, AA765375</p>
1387	HCRPM32	876187	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 561 of SEQ ID NO:1387, b is an integer of 15 to 575, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1387, and where b is greater than or equal to a + 14.</p>	<p>AA019767, AA213771, H86330, H85652, H86775, H86333, AI990107</p>
1388	HLDNV31	876192	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1658 of SEQ ID NO:1388, b is an integer of</p>	<p>AI741793, AW003635, AA425065, AL044729, AI825212, AI333124, AW102958, AA699738, AW014983, AI580520, AA653341, AI248768, AW057987, AA961070, H11570, AA913775, AI425117, AI452997, AI937807, AL039909, AL041387, AA398627, AI223186, T87214, AL045603, AI638724, AA644230, R45377, AI700094, T74013, Z21364,</p>

1389	HCRNN03	876193	<p>15 to 1672, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1388, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 434 of SEQ ID NO:1389, b is an integer of 15 to 448, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1389, and where b is greater than or equal to a + 14.</p>	<p>AA749051, F10219, R14519, AI242930, R40666, R21286, F12602, AA887964, H11462, AA416562, Z21365, AI890224, R41179, AA829590, AA417298, AA653411, AA837654, AI221436, AA493103, AW082244, R14339, AA055888, AW389658, T67466, T97917, R08296, AB002326</p> <p>AC005219</p>
1390	HTPIQ89	876198	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 868 of SEQ ID NO:1390, b is an integer of 15 to 882, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1390, and where b is greater than or equal to a + 14.</p>	<p>AI808815, AI457550, AI911077, AI658931, AI916359, AW009684, AW072228, AA579578, AA622141, AA295027, AA552628, AA594836, AA551833, AI167645, AA576815, W23220, AF114127, AB014603, AL137668</p>
1391	HWLQD01	876200	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 409 of</p>	

1392	HISAQ01	876201	<p>SEQ ID NO:1391, b is an integer of 15 to 423, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1391, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 842 of SEQ ID NO:1392, b is an integer of 15 to 856, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1392, and where b is greater than or equal to a + 14.</p>	
1393	HCRMC10	876206	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 627 of SEQ ID NO:1393, b is an integer of 15 to 641, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1393, and where b is greater than or equal to a + 14.</p>	N242336, AI742828
1394	HWABD53	876207	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 698 of</p>	<p>T25873, AW024164, C06355, AI476066, H79253, C06056, R78935, AI436456, AI064830, AL121270, AL047042, AL046849, AI349772, AI686926, AL045500, AI433157, AL047763, AI433976, AL040243, AW117882, AW071349, AI608667, AI275175, AL119049, AL044207, AI580190,</p>

<p>SEQ ID NO:1394, b is an integer of 15 to 712, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1394, and where b is greater than or equal to a + 14.</p>	<p>AL119791, AI440426, AI500077, AI281779, AL036980, AL036146, AW074993, AI687728, AI868831, AI349645, AW268253, AI312152, AI345735, AL119748, AI567351, AI620284, AI349937, AI538716, AI469532, AI699857, AW089572, AI497733, AI818683, AW169653, AI340582, AW071417, AW301409, AL135661, AI349004, AI597750, AI499463, AI873731, AI863014, AI590128, AI800453, AW087445, AI521012, AI282655, AW162071, AI349256, AL036396, AW195957, AI250293, AI678302, AI568870, AW274192, AW148320, AI343112, AI702406, AW303152, AL036802, AI758437, AW103371, AI440239, AI680113, AI687376, AI800433, AW238730, AI597918, AI349933, AI934036, AI679724, AW068845, AI500553, AI635461, AI439087, AI207510, AL048871, AL121365, AI635942, AI857296, AI475371, AI564719, AI349614, AI920968, AI348897, AL038778, AI866608, AI499131, AI815383, AI281773, AI631107, AI499393, AI874109, AI697137, AI909641, AI636456, AI285735, AI334902, AI445432, AI625079, AL036274, AI906328, AI609592, AI583316, AI475134, AL120854, AI862142, AI540832, AI613017, AI500659, AI249257, AI687415, AI498579, AI702433, AI687375, AL038605, AI690835, AI919058, AI633419, AI866002, AI952114, AA585422, AI492540, AW074869, AI568855, AI889203, AW301300, AL120736, AI536685, AI539771, AW167776, AI671679, AI610307, AI224992, AI283941, AL119828, AI696846, AA640779, AA613907, AI909666, AI673256, AI366549, AI612913, AI349598, AL040169, AA572758, AL036759, AI818206, AA508692, AI340519, AI690751, AI349226, AI568854,</p>
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	AI567632, AI271786, AI269696, AI889839, AI038779, AW302965, AI682841, AL121014, AW166645, AW075351, AI753683, AW080838, AI684265, AI318569, AI866780, AI811353, AI307466, AI366991, AI907070, AI446606, AW302992, AI866887, AI969601, AL047041, AI679764, AI859733, AI469811, AI754897, AI439745, AI628205, AI281762, AI343059, AI811863, AI580984, AL043326, AI270055, AI813914, AL036240, AI282281, AI434281, AI802542, AL036260, AW026882, AI610645, AI499512, AW235035, AW268072, AI696398, AI800411, AW269097, AI624668, AI569616, AI909662, AI445025, AI921379, AI312428, AI251485, AW085799, AI274541, AW104724, AL036247, AI570384, AI591311, AW183130, AW132121, AI678989, AI309401, AI446628, AI620868, AL121463, AL036631, AW118557, AL042753, AI969567, AI609331, AI269205, AI282903, AI432229, AI653541, AI340603, I48979, AF090900, AL133640, AL117460, AL133606, AF090903, S78214, AF090934, AF113694, L31396, L31397, AJ242859, AL050146, S68736, AL049452, I89947, AF090943, AF078844, AL117457, AF125949, AL080060, AF090901, AF113013, AL050393, AF118070, AF113691, AF118064, A93016, AL133016, AL110221, AL110196, Y11587, AL137527, U42766, AF104032, AL049938, AF113690, AL050149, I89931, AF090896, AL122050, AR059958, AF113689, AL050116, AL050108, AL049314, A08916, AF113676, AL133075, X84990, AF113677, AB019565, AF106862, AL049466, AL133557, AL096744, AF017152, AL122093, AF113019, A08913, AF111851, AF113699, AL080137, AL133093, AL133080, AL080124, AL137283, AL050277, AR011880, Y16645, AF097996, E03348, AL133565, AL137557, AF158248, AL122123,

1395	HKCSF17	876208	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 906 of SEQ ID NO:1395, b is an integer of</p>	<p>E07361, I48978, U91329, AJ000937, X63574, Y11254, AL137459, AL122121, AL117394, AL049430, AF146568, AF091084, AF125948, AL110225, AL050138, U00763, X82434, AL133560, AF079765, AF177401, AL117583, A65341, E02349, I49625, E07108, AL049300, AL117585, AL137550, AF017437, AL049382, AL049464, AJ238278, A08910, AF067728, AL117435, A58524, A58523, A08912, S61953, AL050024, A77033, A77035, X70685, AL122110, AF091512, I33392, AL137648, A08909, AC006371, AL133113, A03736, X96540, A12297, AF118094, Z82022, AF183393, E05822, AL122098, AL137271, AL137538, AL049283, AF061943, AC002467, I03321, U72620, AC002464, U35846, AC007390, AL137463, X72889, AL080127, AL137523, U80742, AC005992, I09360, AC006840, X65873, AL096776, X98834, AF087943, AL110197, AC004686, AF042090, Y09972, X93495, AL133072, AL122049, AC004227, AL137521, AC006336, U95739, E08263, E08264, L13297, AC004987, U67958, I17767, AL133568, AC004093, AL022147, AL080159, AF061981, U68387, U49908, M30514, AC006039, AL137429, AF026124, AL078630, I42402, AR013797, AC007392, AL035067, AC007172, AL133077, I26207, AL137526, AL137560, E15569, AC004200, AJ012755, AL050172, AC004690, AF100931, A93350, I66342, AL137533, AL035587, AL022165, AC007298, AF111112, AF000145, AR000496, U39656, AF026816, AF081197, AF119337, AC005291, AC004383, I00734, AF057300</p>
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1396	HTDA112	876209	<p>15 to 920, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1395, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1087 of SEQ ID NO:1396, b is an integer of 15 to 1101, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1396, and where b is greater than or equal to a + 14.</p>	<p>N73548, AI694413, AW271652, AI082035, AI912946, AI719718, AA024658, W24189, W24182, AW015394, T79755, AA988043, AI709339, AI510754, AI656335, AL031983, AC006137</p>
1397	HYABB57	876213	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 434 of SEQ ID NO:1397, b is an integer of 15 to 448, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1397, and where b is greater than or equal to a + 14.</p>	
1398	HWLVN09	876215	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 749 of SEQ ID NO:1398, b is an integer of</p>	<p>AI088609, AI742316, AI264197, AI803475, AI307145, AI129474, AA442089, AI886144, AI249368, AI864189, AI584049, AI696838, AW058403, AA428062, AI913435</p>

1399	HOHAU02	876220	<p>15 to 763, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1398, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 305 of SEQ ID NO:1399, b is an integer of 15 to 319, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1399, and where b is greater than or equal to a + 14.</p>	<p>AI903943, AI903949, AL035420, AC005082, AC008064, AL022277</p>
1400	HCRNI43	876224	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1561 of SEQ ID NO:1400, b is an integer of 15 to 1575, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1400, and where b is greater than or equal to a + 14.</p>	<p>AA313797, W73983, AW374097, AA824282, AI207345, Z26317</p>
1401	HWLGV14	876226	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1299 of SEQ ID NO:1401, b is an integer of</p>	<p>AI110653, AA573785, AI421829, AI889106, AI815098, AW082282, AW151910, AA309046, AW251068, AI688082, AI935867, AA903732, AI342309, AI469758, AI301940, AI336447, AI660665, AI625318, AI636809, AI559518, AI216199, AA974182, AI336445, AI476296, AI272699, AA865622, R95048, AI832439, AI908555,</p>

1402	HCBM15	876228	<p>15 to 1313, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1401, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 516 of SEQ ID NO:1402, b is an integer of 15 to 530, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1402, and where b is greater than or equal to a + 14.</p>	<p>AW079674, AW276067, H71284, AI290972, AI659188, H41084, H39231, AI865986, AI333305, R76336, AI914585, AI590410, H12385, AA987621, R48364, R94963, AA639087, D45438, C20912, AI274107, AI720940, H70884, AA372940, AW250334, H15022, AI244423, AW192993, AA935031, AI199655, AI199654, H15021, AI832803, AA593195, AW269879, AA886276, AI225252, R45920, AF115384, AC006479</p> <p>AA305646, D57483, C14389, D80391, D59787, D80196, D81026, D80253, D80522, D58283, D80366, D51022, D80227, D59859, D59467, D80043, D51423, D80022, C14331, D59275, D80166, D80195, D59619, D80210, D51799, D80164, D80240, D59927, D59502, D81030, D50979, D59889, D80248, D80212, D80251, D50995, D80269, D80188, D80219, C15076, D80038, AA305578, D80133, D59610, D80024, AA305409, D80193, D80378, AA514186, AW177440, AA514188, D80241, C75259, C14429, AW178893, D80045, D51060, AW377671, T03269, AW360811, AW179328, D80132, C14014, D58253, AW378532, AW375405, AW177501, AW177511, C05695, AW178762, D59373, D80134, D80268, AW366296, AW360844, D80439, AW360817, D51250, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, T11417, AW178775, AW369651, AW177505, AW179024, AW352158, F13647, D80949, AW352117, D80302, AW176467, AW352171, AW377676, D80247, AW178906, AW352170, AW177731, AW178907, AW179019, AI910186, AW360841, AW179020, AW178909, AW177456, AW179329, AW178980, AW177733, AW378528, AW178908, AW178754, D51079, AW179018, AW352174, AW179004, AW179012, AW360834, AI905856, D51103, AW178914, AW378525, C06015, AW367967, D80157, AW177722, D59627, D58101, D59503, AW177728, AW179009, D51759, AW178774, AW178911, AW378543, AW352163, AW378540, AW178983, Z21582, AW178781, T48593,</p>
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1403	HTXOU56	876229	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1396 of SEQ ID NO:1403, b is an integer of</p>	<p>D59653, C14227, D51213, D45260, AW352120, AW177723, C14975, AI535850, AA285331, C14973, D51097, D80064, H67854, C03092, AW378533, AA809122, H67866, D81111, AI557751, AW367950, AI525917, AI525923, D80014, T03116, AI557774, D59317, D50981, D58246, AW178986, D45273, D80258, C14344, D51221, D59474, D60010, AW177734, AI525920, AA514184, AI535686, C14957, C14407, D59551, AI525227, D60214, AI525912, C14046, AI525235, C16955, Z33452, AI525242, AI525222, AI525925, C14298, T03048, AW378539, AI525215, AI525228, D80168, T02974, AW378542, C05763, AI525928, AW360855, AI525237, H67858, C04682, T02868, D51053, D51231, A62300, A62298, AR018138, A84916, AJ132110, AF058696, AR008278, AB028859, X67155, Y17188, D26022, A25909, Y12724, A67220, D89785, A78862, D34614, D88547, X82626, A82595, I82448, A94995, AR060385, AB002449, AR025207, AR008443, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, AR054175, AB012117, AR066490, Y09669, A43192, A43190, AR038669, AR066487, I14842, I18367, A30438, X68127, Y17187, AR008277, AR008281, A63261, D50010, A85396, D88507, AR066482, X64588, A44171, A85477, I19525, A86792, AR062872, A70867, AR016691, AR016690, U46128, X93549, AR008408, A64136, A68321, I79511, D13509, AR060133, AF123263, X72378, AR032065, U79457, AR008382, AA897516, AW408837, AA975111, AI375439, AW058357, AI831278, AA429693, W17288, N92884, AI800566, H90037, W25564, N89755, AW075779, N90701, H64915, H64916, AA019995, AA864899, AF177934, L47207, I36298, X97874</p>
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1404	HHFCN93	876232	<p>15 to 1410, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1403, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1428 of SEQ ID NO:1404, b is an integer of 15 to 1442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1404, and where b is greater than or equal to a + 14.</p>	<p>AA769099, AW051928, AI701149, AW166012, H14423, AA972142, AI339332, N92764, R59745, AA100558, AI383947, AA347767, AA015757, AI338203, AA347768, D81417, H72916, AA805417, D20390, AI025219, R52023, H14749, AA504717, AC006366, Z55318</p>
1405	H2CBC05	876236	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1675 of SEQ ID NO:1405, b is an integer of 15 to 1689, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1405, and where b is greater than or equal to a + 14.</p>	<p>AI743549, AI953907, AW444710, AI457576, AA452352, AI744355, AW169608, AA452129, AA809771, AI284062, AA307160, AW363101, AI865348, AA907553, AI620087, AI936509, AA618311, AA456277, AA454662, AA173381, AA534032, AI369959, AW000933, AW298707, AW363100, AA478933, N90372, AI186424, C14331, D80166, AA809122, D80439, D80247, D59619, D80210, D80240, AI557751, D59927, D81026, D80022, D81030, D80219, D80212, D80133, C14389, AA305409, C14014, D80391, D59787, D59859, AA514186, D59502, D51423, D51799, D80253, D80043, C14344, D80522, D51060, D80196, D80157, D80268, C15076, D80248, D80366, D80195, D58283, D80188, D80164, D59467, D51022, D59275, D80038, D80227, D50995, D59610, D57483, D80193, D80045, D80269, D59889, D59653, D50979, D80024, AA305578, D51759, D80302, AA514188, AW360811, T03269, D80241, D80251, AI535686, AW377671,</p>

	D80378, D51103, C06015, AW177440, T03116, AI525923, C05695, AW178893, D45260, C75259, D58246, D59373, AW375405, AW360844, H67866, C14407, C03092, H67854, C14973, AW366296, AW177501, AW178906, AW177511, AW360817, AW179328, AW179020, T48593, AW375406, AW378534, AW352171, AW179332, AW377672, AW179023, AW178905, D80064, AW177731, AW378528, AW178762, AW178754, AW179019, AW179024, AW377676, AW378532, D81111, T11417, Z21582, AI525917, AW360841, AW352120, D51221, C14227, AW177505, AW178775, F13647, D80258, AW178909, AW177456, AW179004, D59503, AW352170, D51250, AW178986, AW178907, AW177733, AW178908, AW179018, AW352158, AW178971, AW360834, AW352117, D59317, D80014, D59474, N66429, AI525920, AW177734, AW378533, D80949, AA514184, AW367950, D58101, AW179009, AW179012, AW178980, AW178914, AW178774, AW178781, AW378543, AW378540, AI557774, C14957, D60010, H67858, AW179013, D59551, D80168, C14298, AI525235, Z30160, AW178759, AI525215, AW178911, AI525227, AW378525, C14046, AW352163, AW378539, AI525912, D80228, AW177728, D59695, Z33452, AA285331, D51053, D45273, AI525242, C16955, D59627, D51213, AW378542, C05763, AI525925, AI525222, T02974, D13645, A62298, A84916, A82595, AR018138, A62300, A30438, AR008277, AR008281, Y17188, Y17187, AR008278, AF058696, AR060385, AB028859, AJ132110, AB002449, I50126, I50132, I50128, I50133, U46128, AR016691, AR016690, X82626, AR016514, I14842, X67155, AR060138, A45456, A94995, D26022, A26615, AR052274, A43192, Y12724, A43190, AR038669, A25909, AR066488, Y09669, AR066487, X68127, A67220, D89785, A78862, D34614, AR054175, AR008443,

1406	HTEPE28	876238	<p>preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 694 of SEQ ID NO:1406, b is an integer of 15 to 708, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1406, and where b is greater than or equal to a + 14.</p>	<p>A63261, D88547, D50010, AR062872, A70867, AR008408, A64136, A68321, I79511, AR025207, D13509, AR060133, AF123263</p> <p>AA205046, AA383391, AI184616, AA223825, AI825541, AI469846, D42084</p>
1407	HUSGL79	876239	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 824 of SEQ ID NO:1407, b is an integer of 15 to 838, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1407, and where b is greater than or equal to a + 14.</p>	<p>AA045573, AA279920, R20139, AA372783, H21473, AB010812, AC004520, AF125534, AC007225</p>
1408	HPMFU84	876259	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 918 of SEQ ID NO:1408, b is an integer of 15 to 932, where both a and b correspond to the positions of</p>	<p>AI017564, AA809290, AW002023, AA405338, AA806993, AA405339, AA888974, AA236935, AI024655, AA262702, H49789, AI524770, N77703, AA362512, T88993, AA328171, C01908, U43374</p>

1409	HDLAD09	876260	nucleotide residues shown in SEQ ID NO:1408, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 751 of SEQ ID NO:1409, b is an integer of 15 to 765, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1409, and where b is greater than or equal to a + 14.	W79877, Z42158	
1410	HCQAW45	876261	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 518 of SEQ ID NO:1410, b is an integer of 15 to 532, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1410, and where b is greater than or equal to a + 14.	AI829532, AL008582	
1411	HCYAC01	876265	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 538 of SEQ ID NO:1411, b is an integer of 15 to 552, where both a and b correspond to the positions of	AA308914, AA308913, D59927, D50979, D80227, D58283, D80188, D80253, D80195, D80043, D59275, D80269, D59502, D59859, D80022, D80166, D80366, D81030, D51423, D59619, D80210, D51799, D80391, D80240, D59787, D80378, D80038, D80212, D80045, D80193, D80196, D80164, D80219, D57483, C14389, D59889, D50995, D80024, D59467, D59610, C14331, C15076, C14429, D80241, D51060, AA305409, T03269, D80522, D58253, C75259, C14014,	

			<p>nucleotide residues shown in SEQ ID NO:1411, and where b is greater than or equal to a + 14.</p> <p> AW178893, D81026, D80134, AA305578, D51022, AW179328, D51250, D80268, AW177440, F13647, AW378532, AW178775, D80251, D80949, AW369651, D80168, D59695, AA514188, D52291, D51079, C14227, AW352158, D80248, AI910186, D81111, AW178762, AI905856, AW177501, AW177511, AA514186, D80133, AW360811, Z21582, C14298, D80064, C05695, AW352117, C14407, AW176467, AW375405, AW377671, D80132, AW360834, AW378540, D80302, AA285331, AW366296, AW360844, AW360817, AW375406, AW378534, D51097, AW179332, AW377672, AW179023, AW178905, AW352171, AW377676, D80439, AW178906, AW352170, AW177731, AW178907, AW179019, AW179024, D59373, D80247, AW179220, D80014, AW177505, AW360841, AW179020, AW178909, T11417, AW177456, AW179329, AW178980, AW177733, AW378528, AW178908, AW178754, AW179018, AI557751, D51103, AW179004, AW179012, C06015, AW352174, AW178914, T03116, AW378525, AW367967, D80157, AW177722, D51759, AW179009, AW177728, AW178774, AW178911, AW378543, AW352163, D80258, AI557774, AA809122, D59653, AW178983, AW352120, AW178781, D45260, T48593, D59627, T02974, C03092, AI535850, AW177723, H67854, H67866, AW378539, AI525923, D59317, D51213, D45273, C14975, T03048, D59503, AW367950, AW178986, D59474, AA514184, AI525917, AI525227, D58246, D60010, C14973, C14344, AW378533, C14957, D59551, AI535686, D51221, AW177734, AI525920, D60214, D58101, AI525242, C14046, AI525912, AI525235, C16955, AI525925, AI525237, AI525215, AW378542, C05763, Z33452, AI525222, AW360855, T02868, D31458, C04682, H67858, AI525928, C13958, U49017, A84916, AJ132110, A62300, A62298, AR018138, X67155, Y17188, D26022, A25909, A67220, D89785, A78862, D34614, D88547, </p>
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1412	HCROF86	876266	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1086 of SEQ ID NO:1412, b is an integer of 15 to 1100, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1412, and where b is greater than or equal to a + 14.</p>	<p>AR008278, AF058696, X82626, AB028859, I82448, AR025207, Y12724, AB012117, A82595, X68127, AB002449, AR060385, AR016808, A85396, AR066482, A44171, A94995, A85477, I19525, A86792, U87250, X93549, AR008443, I50126, I50132, I50128, I50133, AR016514, AR066488, AR060138, A45456, A26615, AR052274, I14842, Y09669, AR066487, A43192, A43190, AR038669, AR054175, A30438, AR066490, Y17187, I18367, A63261, AF135125, D88507, AR008277, AR008281, D50010, AR062872, A70867, AR016691, AR016690, U46128, AR008408, I79511, A64136, A68321, AB033111, D13509, U87247, AR060133, AR064240, AF123263, AR032065, U79457, X93535</p>
1413	H2CBJ83	876269	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 549 of SEQ ID NO:1413, b is an integer of 15 to 563, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI650543, W69438, W69521, H10084, AA489949, R13756, Z43027, F07990, F06224, AA326226, AW388196, AW388234, AW388225, AW388262, AW388176, AW388206, AW388208, AW388214, AW388253, AF086275, AB024057, AB017114, U88873</p> <p>AA403070, AA313305, AA361460, T78498</p>

1414	H2LAW73	876270	<p>NO:1413, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 569 of SEQ ID NO:1414, b is an integer of 15 to 583, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1414, and where b is greater than or equal to a + 14.</p>	AA315703, A1796815, T99503, A1049875, D80022, D80391, D59787, D80253, D81026, D80196, C14389, D80522, D80366, D80195, D59502, D59467, D80164, D59275, D80227, D58283, AA305578, D80193, D80043, D50979, D59859, C14331, D80166, C15076, D51423, D59619, D80133, D80210, D51799, D80240, D80212, D50995, D81030, D80269, D80248, D80038, D80188, D80219, D59927, D80251, D57483, D59610, D80378, AA305409, D51022, D80045, D59889, D80024, AA514188, AW177440, D80241, T03269, AW178893, AW377671, AA514186, AW360811, AW179328, C14014, AW378532, AW375405, D80268, AW352117, D51250, AW178762, D80168, AW366296, AW360817, AW375406, AW378534, AW352171, AW179332, AW377672, AW377676, AW179023, AW178905, AW178754, AW179024, D52291, D80302, F13647, AW179020, AW177456, D80439, T11417, AW178906, AW177731, AW178907, AW179019, AW179018, D80247, C06015, AW378528, AW178908, D51103, Z21582, AW360834, AW178914, AW178781, AW378543, AW378525, AW378540, AA593344, D80157, D59627, D59503, AW178774, AW352163, D58101, AA809122, T48593, D80064, T03116, C14227, D45260, AI525923, AI557774, AA285331, D51213, C03092, H67854, H67866, D80258, AW378533, D81111, D59317, AI557751, D45273, AW367950, AW178986, D59474, AI525917, T03048, D58246, AW378539, AW179013, D80014, C14973, C14344, AA514184, AI525227, AI535686, D51221, D59551, AI525920, C14407, Z30160, H67858, AI525242, AI525235, AI525925, C16955, AI525912, T02868, Z33452, T02974, AI525215, D31458, C13958, C14298, AW378542, AI525237, AJ132110, A84916, A62298, AR018138, AF058696, A62300, AB028859,
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1415	HWMCL22	876274	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 404 of SEQ ID NO:1415, b is an integer of 15 to 418, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1415, and where b is greater than or equal to a + 14.</p>	<p>AR008278, X67155, Y17188, D26022, A25909, Y12724, A67220, D89785, A78862, D34614, I82448, D88547, A82595, X82626, AR016808, A94995, AR060385, AR025207, AB002449, AR008443, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, I14842, Y09669, A43192, A43190, AR038669, AR054175, AR066487, AR062872, A30438, Y17187, X68127, A63261, D50010, AR008277, AR008281, A70867, AR016691, AR016690, U46128, AR008408, I79511, A64136, A68321, AR060133 R86344, R86183, AC004686</p>
1416	HCRPZ42	876276	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 499 of SEQ ID NO:1416, b is an integer of 15 to 513, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1416, and where b is greater than or equal to a + 14.</p>	AA285061
1417	HCYBM32	876277	<p>Preferably excluded from the</p>	AA305407, D51423, D51799, D80166, C14389,

		<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 428 of SEQ ID NO:1417, b is an integer of 15 to 442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1417, and where b is greater than or equal to a + 14.</p>	<p>D80133, D80522, D81030, D51060, D80248, D59610, D80366, D81026, D59859, D59619, D80210, D80240, D80253, AW377671, D80269, C14331, D58283, D80212, D50995, D80188, D59467, D51022, D80022, D50979, D80219, D80227, D80195, AA305409, D80391, D80164, D59275, D80038, D80043, D59787, D59502, D80241, D80251, D57483, D59889, D80196, D80024, D59927, AA514188, C15076, C14014, AA305578, D80193, D80268, AA514186, D80045, D80378, D80439, AW360811, AW177440, C14429, AW178983, C75259, AW178893, C06015, D59373, D80247, T03269, D80302, AW375405, AW360844, T11417, AW177501, AW179328, AW177511, AW366296, AW360817, AW375406, AW178906, AW378534, AW352171, AW179332, AW377672, AW179023, D80157, AW178905, C05695, AW378532, AW377676, D51103, AW360834, D51759, D80134, AW177505, AW360841, AW178775, D80132, D58253, D59653, D81111, AW178909, AW352170, AW178762, AW177731, AW367967, AW178907, AW378528, AW178754, AW179019, AW179018, AW179024, AW352117, D51250, AW176467, AW369651, D45260, AW179020, AW177456, F13647, AW179329, AW178980, AW352158, AW178914, AW177733, AW178908, AW178971, T48593, AW352174, AW179017, AW179004, AW178774, AW378543, AW179009, AW179012, D80064, D80258, C14227, D58101, AW352120, AW378525, AW352163, D80014, H67854, C14077, D50981, D58246, C03092, AI525923, T02974, AW178911, H67866, AW177722, AI910186, AW177728, AA514184, AA809122, T03116, D59503, AW367950, AI905856, AW378540, D59317, C14407, AI525917, AW178781, AI535959, AI525920, D45273, D51221, T03048, D60214, C14344, D59474, AW178986, C14973, AW378533, AI557774, AI535850, AW378539, AW177734, AW177723, C14957, D60010, C14298, AI535686, AI525235, D59551, AI525215,</p>
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1418	HCRP172	876278	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 915 of SEQ ID NO:1418, b is an integer of 15 to 929, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1418, and where b is greater than or equal to a + 14.</p>	<p>AI557751, AI525227, D80168, C14046, D59627, AI525222, AW179011, AI525912, AW179013, D51213, AI525242, AA285331, AI525925, Z21582, D51097, H67858, C16955, Z33452, Z30160, AW378542, C05763, D80949, AW178759, AI525928, AW360855, AI525237, D59695, D52291, D51053, C04682, C06084, T02868, D50312, AF015606, D50313, AF015605, D50314, D88159, E12830, A62298, AR018138, AR008278, AF058696, A84916, A62300, AJ132110, AB028859, AF015607, A82595, AR008443, AR060385, X67155, Y17188, D26022, Y12724, A25909, AB002449, A94995, A67220, D89785, A78862, D34614, I50126, I50132, I50128, I50133, D88547, AR066488, AR016514, AR060138, A45456, A26615, AR052274, X82626, AR025207, Y09669, A43192, A43190, AR038669, AR066487, I14842, AR054175, A30438, Y17187, AR066490, AR008277, AR008281, A63261, D50010, I18367, X68127, AR062872, A70867, AR016691, AR016690, U46128, AR008408, I82448, A64136, A68321, I79511, AB012117, D13509, AR060133, AR066482, A85396, D88507, AF123263, A44171, AR032065, A85477, I19525, A86792, U79457, X93549, AR008382, AI346422, AI246769, AI304342, AI910457, AI381007, AA541292, AI129972, AA496921, AW089855, AA627519, AA627188, AW082592, AA923632, AA577580, AW439990, AI650301, AI676154, AC004080, U41813, AF010258, U81511, X13537, X13536, M28449</p>
1419	HKCSA58	876280	<p>Preferably excluded from the</p>	AI5979

1420	HMWFC49	876281	present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 230 of SEQ ID NO:1419, b is an integer of 15 to 244, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1419, and where b is greater than or equal to a + 14.	AW410053	
1421	HMSIE02	876282	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 158 of SEQ ID NO:1420, b is an integer of 15 to 172, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1420, and where b is greater than or equal to a + 14.	AW451452, AI040326, AI650832, AA313243, AI650393, AI818259, AA534633, AI094737, AI033652, AI693411, AI341518, W30723, AW197245, AW051598, AW291994, AI274289, AI221551, AA035621, AA653321, AA634950, AA781232, AA136077, N99062, AA806117, AA136161, AA722867, AA932876, AI435016, AI659053, AI474321, H87560, AA843369, H21542, AA361623, N47604, N45494, AI907694, AA332538, H87452, AI284255, AA037342, AA365059	
1422	HCRMZ34	876284	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2279 of SEQ ID NO:1421, b is an integer of 15 to 2293, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1421, and where b is greater than or equal to a + 14.	AA034416, AA491400, AA504783, W65331, AI885434,	

1423	HTGAM27	876300	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1646 of SEQ ID NO:1422, b is an integer of 15 to 1660, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1422, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 296 of SEQ ID NO:1423, b is an integer of 15 to 310, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1423, and where b is greater than or equal to a + 14.</p>	<p>AI553873, AI637992, AW172551, AA236838, AA053881, AA482166, AI680567, AI184074, R43006, AA491299, W61314, AA884262, R17801, AA888033, U96876</p> <p>AA187449, AW361774, AL034396, L14787, Z99130, AL031115</p>
1424	HCYBI20	876304	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3092 of SEQ ID NO:1424, b is an integer of 15 to 3106, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1424, and where b is greater than or equal to a + 14.</p>	<p>AI433336, AI763355, AI911988, AI436136, AI609777, AI859398, AA197062, AA305389, AI346370, AW271204, AA825907, AW242356, AI910841, AI673503, AI632367, AW269183, AW196356, AW273255, AI304550, AI419935, AI270299, AI247514, W01219, AI355117, N72988, AA030042, AW007158, AA070475, AW006961, AI304462, W57671, AA876039, AA705874, AA831500, H62242, AA897761, W03289, AA029912, AA305307, H93491, W91963, H82187, AI245415, AA643520, AW083307, H93492, R89908, AA377111, AI318375, AI961885, AA059231, AA883186, AW139085, AA581261, T85676, Z40302, AA887782, AA502293,</p>

			<p>AW264318, H62331, R93209, R07861, AA360792, H82082, T29678, F01458, AA527320, H61166, AI270229, AI932770, AW070350, R07916, AI765901, F04303, N74218, AA581216, AW268185, AI334444, AW274341, AW268947, AA128235, AI699588, AA128234, AI581851, C14331, D80022, D58283, D59927, D80247, D80248, D80043, C14389, D80227, D59467, D51799, D80439, D59502, D50995, D59859, D80522, D80166, D80195, D51423, D59619, D80210, D80391, D80164, D59275, D80240, D80253, D80038, D80269, D59787, AA305409, D51060, D81030, C14429, D81026, D80212, D80268, D80366, C15076, D80196, D80188, D51022, D50979, D80219, D80378, D59610, AA305578, AA514188, C14014, D57483, C03092, D59889, D80193, D80133, D80045, AA594216, D80024, AA514186, C06015, D80302, D80157, AW360811, D51103, AW177440, D59653, D51759, D80241, D80251, AW178893, T03269, AW377671, AW375405, C75259, H67866, D45260, H67854, T11417, AW352170, AW366296, AW178906, C14344, AW360844, X12901, A07400, M98454, A14103, A26237, X04657, AF058696, A62300, A82595, A84916, A62298, AB028859, AR060385, AJ132110, AR018138, AR008278, AB002449, I50126, I50132, I50128, I50133, AR016514, AR054175, X67155, AR060138, A45456, I14842, Y17188, A94995, D26022, A26615, AR052274, A43192, Y12724, A43190, AR038669, A25909, AR066488, Y09669, AR066487, Y17187, A67220, D89785, A78862, D34614, A30438, AR008443, A63261, AR008277, AR008281, AR062872, A70867, AR016691, AR016690, U46128, D50010, D88547, I79511, X82626, A64136, A68321, AR008408, X68127, AR025207, AR060133, AF123263, AR032065, AA297291, AA504969, AA504982, AL119401, AA622598, AL134137, M20317, X14448, AL035422,</p>
1425	HNEDH18	876306	<p>Preferably excluded from the present invention are one or more</p>

1426	HWMFQ61	876308	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 338 of SEQ ID NO:1425, b is an integer of 15 to 352, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1425, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1953 of SEQ ID NO:1426, b is an integer of 15 to 1967, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1426, and where b is greater than or equal to a + 14.</p>	U78027, M18242	AA769602, AA524145, AW007155, AI127421, AI826426, AI815931, AW193517, AI951907, AA290918, AA573859, AI879177, AI912328, AW070886, AI376231, AI352472, AW296096, AI956172, AA283702, AA583479, AA486429, AI095623, N91996, AA405889, AI089975, AA493377, AI147623, AA147930, H09366, AI879560, AI698813, AI493913, AA580211, AA737974, AI476337, AA423896, N24051, N32340, N66204, AA405729, AA507484, AI374680, AA489431, AA157554, AA147501, N35409, AA505515, AA489372, AA127433, N55519, H15112, AA173145, N57433, AA471177, AW401453, N63852, T78215, AA857801, N52066, H09309, AA780883, AL079771, AA356048, AA769879, AA173273, R25268, AA127432, R46621, AI707462, AA807765, AI423315, AA877529, AA836375, AA352973, AA148410, H85254, AA356047, AA326793, AA678778, R53945, AA278977, N99204, AA335034, R07396, AA423831, AA367574, AA715745, H84922, AI762734, R07347, F05138, AA058460, AW339712, AI701737, T29480, AA995682, AI815735, N48041, AI362375, N35874, F01382, AA329166, AA295203, AI476572, AA370912, H15111, AW182730, H09397, AA772378, AA158205, AA564008, D19907, AW161156, AI540674, AI918449, AW020406, AI587121, AL041150, AW020397, AI491904, AI564716,
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	AI923989, AW021717, AW410302, AI224373, AI307557, AA464646, AW020592, AI289310, AI623941, AI859991, AW236692, AI609760, AI879064, AI267185, AI567582, AL042753, AW020095, AI811603, AI621341, AI311472, AL038986, AI049850, AI927233, AI656188, AI560722, AA806534, AA502794, AI350489, AI679506, AW020710, AI961414, AI633383, AI580214, AL048871, AI349012, AI521005, AL079963, AL036705, AI525653, AI581033, AI590943, AI758445, AA580663, AI432570, AA641818, AI589428, AW192109, AW051059, F28295, AI242248, AI741158, AI499963, AW102798, AW021066, AW084056, AW057937, AW148876, R36363, AI638644, AI537677, AI434731, AW148478, AI141727, AW020373, AL048323, AI432507, AW169784, AL048340, AI382313, AI587209, N22276, AA514684, AI282268, N29277, AI538764, AI440263, AW020419, AI587000, AW160905, AW162194, AI273856, AI491710, AI891125, AW151136, AI536685, AI499279, AL079799, AI860027, AW129106, AI697236, AI797538, AI458588, AI348901, H41759, AI500061, AI372009, AW327825, AW022168, AA455772, AI699865, AW020629, AI002285, AI279925, AW085350, AI241901, AL138406, AL046466, AI281757, AI270295, AI632036, AI471282, AI500514, AW073996, AI872423, AI950892, AI341690, AW051088, AI890907, AI624245, AI524654, AI633125, AI472484, AW265582, AI698391, AI538564, AL036361, X15653, Y09008, A64377, AC007637, X89398, AC010582, Y08975, X99018, U55041, AL110292, X92986, X79093, A64383, AB016226, AL133637, I89947, U49908, E01614, E13364, I48978, AF175903, AL050024, AL122050, AL137529, AL137533, A08910, A08909, AL117460, AF026124,

	AF145233, A08908, Y11254, AL133560, AF082526, M85164, X70514, AL049996, AL050172, AJ005690, AR038854, AL110296, AF090900, AL080156, AF118090, AL137258, A08913, AF094480, I08319, U91329, J05277, AL049283, AF087943, A08912, AF146568, AF113690, AL133080, U42766, S76508, AL137523, AL035407, AL117587, AL133623, X82434, E06788, E06790, E06789, AF061795, AF151685, AF177401, AL137480, AF031147, AL137459, M96857, AL133568, AL137550, A91160, AL137539, AB031064, A08916, E05822, AL133640, AL049347, AL050277, AF118094, X06146, Y09972, E12747, A21103, AF159148, S36676, X99257, X60786, Y13350, AL137530, A76335, AR038969, AF111851, X63162, AF079763, AF111849, AL137574, S77771, S83440, S68736, A08911, AL080118, A18777, AL122110, AF061943, X67688, Y16645, AL110218, AF113699, AF069506, AF141289, U86379, I48979, AJ010277, I89931, A77033, A77035, AF017790, Z72491, AL117457, AL133606, D16301, I89934, I49625, A08907, L04849, AF065135, AF081366, S69385, AL133016, AJ003118, AL096728, AL050280, U55017, AL110199, AL110269, A15345, AL117648, AL049324, A07588, AF067728, A65341, Z13966, Z82022, X86693, AL122093, Y07905, AL117435, AR034821, AL137555, U35846, L04504, Z97214, X98066, AR020905, L13297, AL049339, AL137560, AL110221, X59414, AF158248, AL110228, AF106657, AL080148, AJ006417, AF008439, X83508, S78214, AC006112, AF061981, AR013797, L04852, X76228, X66862, AL137478, U02475, Y10936, AL110197, AL133112, AF016394, M27260, AL023657, AF125948, AL110225, AL137488, AL096751, Z35309, A18788, AF115410, E01573, E02319, I33391, AL049430, X89102, M85165, AL137479, AC002467, AL122049, AF118092, AL117416, U95114, X92070, AL137254, AL080074,

1427	HFIUZ10	876309	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 865 of SEQ ID NO:1427, b is an integer of 15 to 879, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1427, and where b is greater than or equal to a + 14.</p>	<p>AL050116, AF026008, AF039138, AF039137, AL049452, I32738, A23630, AF077051, AL110159, X63410, Y10655, S63521, AL049300, A86558, AF090943, X79812, AL110196, AF176651, X84990, AB007812, E01314, Z37987, AL133075, A07647, AF124728, AF036268, AL122045, I66342, AL050146, AL137485, AL133113, AL133619, AF102578, X96540, AR011880, AR053103, AC004878, Y10823, AI140058, AI148053, AA449704, AW080161, AA580334, AA448557, AI453006, AA863038, AI277552, AA723892, AI282002, AA879085, AI282089, AA928469, T81791, AA258329, AI271667, R02362, T82108, H66854, AC004080, M74297</p>
1428	HDPJE43	876322	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 507 of SEQ ID NO:1428, b is an integer of 15 to 521, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1428, and where b is greater than or equal to a + 14.</p>	<p>AA305011, M73047, X81323, U50194, A58393, M55169, A58395</p>
1429	HWLWR2 2	876326	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AW291224, AA027791, AI826645, AI970074, AI859242</p>

1430	HCRNJ16	876327	<p>the general formula of a-b, where a is any integer between 1 to 292 of SEQ ID NO:1429, b is an integer of 15 to 306, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1429, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 731 of SEQ ID NO:1430, b is an integer of 15 to 745, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1430, and where b is greater than or equal to a + 14.</p>	<p>AL135311, AA576997, N33567, AI239529, AI474303, AW242213, AA651114, AI003594, AA983676, AI832948, AA890557, AA251288</p>
1431	HPRAZ22	876330	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 917 of SEQ ID NO:1431, b is an integer of 15 to 931, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1431, and where b is greater than or equal to a + 14.</p>	<p>AA634082, AA663929, AW451471, AW451304, AA700185, AA780866, AA634109, AA974089, AI422746, AI422171, AW117387, AI352179, AI934740, T29406, AA581945, N51197, AI813713, AW274227, AA884819, AI418378, N71535, AI250177, AI479657, AI491976, R70651, AA864343, AW051516, C01561, AA926708, AA595570, AA913798, N47990, AA927688, AA465663, AW008553, AI735695, AI014415, AW086054, AA731995, AI631350, N68464, AA688150, N66020, AI422914, R68953, AW380659, AI831007, AI057418, R24219, AW401518, AI476095, AI492721, AA805457, AW392708, AA040547, N52290, AW362897, D57651, AI814638, R46574, R24220, AA769734, D56634, R74511, D57409, N91308, R78553, R77666, R46649, AI351922, R63467, AW090402, H80687, AI567650, R70873, T83969,</p>

1432	HWLQG81	876333	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 350 of SEQ ID NO:1432, b is an integer of 15 to 364, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1432, and where b is greater than or equal to a + 14.</p>	AA370839, R23184, R68106, H04104, R78403, R68836, D56912, D56797, F01477, R23183, N30106, D56629, R68150, AI699279, R70543, R82008, N45543, R48545, D56817, AI276541, AI908540, R77667, R78505, R63400, AA459439, N26395, R69802, M28697, M90727, M31932, I07269, J03619, M90735, M28696, M31933, X52473, M31934, M31935, X17653, L08108 AA832206, AA974370, W46279, AW196653, AI023212, AA464174, AI420451, AI948608, AI890342, AA114888, AW300598, AI129358, AA669095, AA504203, AA521314, AA252310, AA280044, AA165321, AI718165, AI765613, AI797687, AA877638, N69756, AI831132, AI027401, AI701050, AA863081, AI807828, Z40146, AA995204, T71333, AI935316, Z19443, AI918466, F00129, Z28882, D57019, AL047889, AW369458, AA743770, AL047888, AW025464, D54675, AW149925, AW302960, AL036802, AA504439, AI927755, AL041772, AW163823, AW162194, AI866608, AL036274, AL041562, AL119863, AW238730, AL045500, AI699865, AI909697, AI340519, AI537677, AL110306, AI433157, AI698391, AI929108, AW026882, AI620284, AL079963, AI254727, AA640779, AI349645, AA613907, AW051088, AA572758, AL038505, AI699011, AI590043, AW129264, AL037454, AW059828, AW269098, AW268251, AW161156, AI064830, AL039086, AW020693, AW268768, AW300782, AI349933, AL036403, AI340603, AI581033, AI923989, AL119828, AW082113, AW300889, AI119791, AI309401, AW172745, AL036396, AL048656, AI349598, AL041150, AW020397, AI589428, AI783504, AI284517, AW161579, AW198075, AI567351, AL047344, AI813914, AL080046, AW089572, AI610293, AI753683, AW074993, AL079960,
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	AL040169, AW268253, AI500659, AI950892, AI312152, AI815232, AI500523, AI468872, AW160916, AW162071, AI349937, AL036638, AI348897, AI345180, AW150578, AI625464, AW302965, AL047042, AI252414, AW080402, AI802542, AI633125, AW087445, AI868931, AI348901, AW071417, AI864836, AL036673, AW301300, AL037582, AL037602, R36271, AW161202, AI270183, AI521012, AI312428, AW023859, AL118620, AW163554, AL135022, AI702073, AL046931, AI610645, AI539771, AI349614, AL038605, AI343112, AW302992, Z99428, AI866770, AI473536, AI499963, AL080045, AI560012, AI366549, AL121014, AI567582, AI345735, AL043355, AI801325, AI815855, AL038779, AL119748, AL036980, AI889189, AL134830, AI890507, AW068845, AI612885, AA579618, AI636456, AI866820, AI564719, AL119049, AI358701, AI497733, AL121365, AA528822, AI754897, AI091468, AI500662, AI440263, AL040241, AI472536, AW022808, AI697324, AI251221, AA493647, AI538850, F37471, AW301409, AI884318, AI860783, AI624293, AI345688, AL036146, AL039716, AW074869, AI307543, AL047100, AI335426, AI348777, AW071362, AL037030, AI569583, AI475371, AI635492, AI349256, AW075207, AI673363, AI343037, AW403717, AI669864, AW020419, AW149236, AL036901, AI682841, AI859991, AL120695, AI613038, AA580663, AI568114, AL119399, AI537837, AI683395, AL040456, AL036240, AI536685, AI307604, AL036631, AI538716, AA641818, AC002350, AL096744, I48979, U35846, I89947, AL122050, I09499, I48978, Y16645, AL110196, AL117457, U87620, AF090903, Y11587, AF177401, AF090943, E07108, AL133075, AL050116,

	AF090901, AL122093, AF100931, AL137550, M27260, AF090900, A08916, AL133606, AF078844, AL137538, A08910, AL049382, AF146568, AF090934, A65340, AL137271, AF183393, S78214, AL133565, A77033, A77035, AL133640, A08909, AL133016, A08913, AF113019, AL133557, I89931, AL050149, AF113013, AF090896, X70685, AF113691, AL137488, AF079765, AL133560, AF079763, AL137533, AF104032, AF113694, AF125949, AF017152, AF097996, AL049938, AL137557, AF031147, AF125948, AL050146, AL117435, U42766, I00734, AB019565, AL049300, AL049283, E05822, E00617, E00717, E00778, E12747, AL080124, AR013797, AF067728, AF087943, AL049452, AL110221, X63574, AL050277, AF113690, AL133080, I33392, U58996, AL122100, AL096720, E02221, AF091084, E02349, AL137548, AL137480, AL122110, AJ000937, AL049430, AL137459, L31396, AL137527, AL050393, L31397, AF106862, AR011880, AB016226, AL050024, AL117460, AL050108, E01614, E13364, A58524, A58523, AF017437, AF118064, A65341, AF118070, AL137478, I49625, AF111849, S68736, X72889, AL080060, AR038854, AF118090, AF113676, AL133113, AF057300, AF057299, AL080148, AF113699, AL050172, Z82022, AJ242859, X84990, AL080234, A03736, AF032666, A93016, AL137283, AL049466, E06743, AL049314, AF111851, AF158248, A08908, AF061943, AL133067, AL122098, AL137529, AL122121, AL137479, U72620, AF113689, X79812, Y11254, AR059958, AF106697, U80742, AL122123, A08912, A12297, AL137521, AF102578, AJ005690, E07361, X82434, AJ238278, AL023657, AL110225, AF113677, AF153205, AF026124, AL096751, U68387, AL137294, S61953, AF118094, AL117583, Y09972, A86558, A07647, AL080137, AB029065, AF067790, D83032, AF100781, X80340, AF210052, A18777,

1433	HOENU48	876334	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2579 of SEQ ID NO:1433, b is an integer of 15 to 2593, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1433, and where b is greater than or equal to a + 14.</p>	<p>AF159615, AL117649, AL080158, Z37987, AL050138, U91329, X83508, AL137526, X87582, U92068, AL117416, U96683, AL137658, AL133568, AF185576, AL117394, AL050155, A21103, A08911, AL133093, D16301, AL137292, AF081197, AL080074, AR020905, AL080159, I17544, AF090886, Y14314, U78525, X65873, AL110218, AF119337, E03348, AF126247, U95114, U67958, AF065135, AL137560, AL133665, AL137558, AL050092, AJ012755, AF081195, A15345, X81464, AL049464, AL117585, AL110222, AL050366, A18788, AL137463, AL137429, AR038969, X63162, AL110197, AF061795, AF151685</p>
1434	HOUDK26	876335	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1038 of</p>	<p>AA521311, AA521314, AW300598, AI051218, AI631949, AA669095, AW298550, AA278335, AI694270, AW339489, AI797687, AA464762, AI948608, AI807828, AA810071, AA804200, AI718165, AA662808, AA504439, AI129358, AI632884, AI215774, AI299255, AA452985, AI765613, AI114888, AI348428, AA114887, AA504203, AI129632, AI701050, AI890342, AA256836, AI023212, AI935316, AA974370, AA252310, AA831496, AA705444, D57415, AA464174, AA280044, Z44155, Z25261, D54675, AA165321, T71333, AI420451, AA973497, N69756, T71487, W46279, AA877638, AI027401, AA255623, AA863081, AW196653, H47827, AA832206, AA995204, AA252340, Z28882, W46278, T48511, Z40146, AI831132, AA743770, D57019, AA344612, T84473, N87679, AI918466, Z19443, F00129, D56990, AI351209, AL047889, AW369458, AL047888, AC002350, D82786, H20994, H45211, H45368, H40040, H45293, H45192, AA205743, T24020, T90417, H20955, R70326, AF075043, AC004755, AC005516, AC005519, AL049836, AL080243, AC007358, AC004106, AC008394, AC005234, AC007546, AC005089, AL031597, AL031056, AC003690, AC005523,</p>

1435	HODDG78	876340	SEQ ID NO:1434, b is an integer of 15 to 1052, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1434, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 651 of SEQ ID NO:1435, b is an integer of 15 to 665, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1435, and where b is greater than or equal to a + 14.	AC002316, AC004861, AC002472, H30375 AW247764, AA442668, AA491177, AW248120, AL048314, AA479828, AA421873, AW248094, H75462, Z42343, F06148, AA923747, F06007, AI445056, R14715, F13060, AR025386, X86779
1436	HAMFP80	876345	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1090 of SEQ ID NO:1436, b is an integer of 15 to 1104, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1436, and where b is greater than or equal to a + 14.	AI219740, AI478566, AI632246, AA279757, AA977612, AA716656, AA687260, AI801069, AA071046, AI985849, AW370598, AA630617, AW370599, AW370625, AA134295, AW390691, AI990289, AA134294, AA428452, AI143764, D30955, AW370620, AA352142, AA074442, T83462, AW071043, T79236, AI744728
1437	HWHQB10	876354	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 345 of	H40868

1438	H2LAB47	876361	<p>SEQ ID NO:1437, b is an integer of 15 to 359, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1437, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 395 of SEQ ID NO:1438, b is an integer of 15 to 409, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1438, and where b is greater than or equal to a + 14.</p>	<p>AA307985, AL044985, AA361756, AA016093, AA133547, AA046950, AF126424, AF106065, AF076838, AL122068, AJ001642, AJ131295, AJ004977, AF017748, AF098534, AF085736, AF106066, AC004993, AF098533</p>
1439	HJBAR28	876364	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 390 of SEQ ID NO:1439, b is an integer of 15 to 404, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1439, and where b is greater than or equal to a + 14.</p>	<p>AA355924, N83684, AA214701, H94179, AW298728, AI056829, AA278566, AA093069, T67190, AF092563</p>
1440	HCEFA76	876370	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 338 of</p>	<p>AL079827, AA503895, AB002353</p>

1441	HCQB131	876372	<p>SEQ ID NO:1440, b is an integer of 15 to 352, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1440, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 543 of SEQ ID NO:1441, b is an integer of 15 to 557, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1441, and where b is greater than or equal to a + 14.</p>	<p>AI491957, AA446825, Z42384, W86347, AC002064, T73581, T73682, T89320, T89957, R27248, R27450, R48643, H84547, H99963, N28347, N63131, N64745, N76150, AA047464, AA047398, AA086034, AA099567, AA099657, AA165569, AA169522, AA169441, AA173617, AA173616, AA169406, AA215775, AA251330, AA251391, AA258330, AA258494, AA258798, AA258704, AA258149, AA258122, AA419346, AA602860, AA622286, AA683139, AA683138, AA713685, AA743062, AA807661, AA825739, AA825993, AA828448, D78955, N87351, AA165525, AA210972, AA211395, AA416558, AA845854, AA971491, AA985073, AI023629, AI073499, AI090846, AI092089, AI093295, AI096814, Z41403, Z45751, AI302012, AI357671, AI367709, AI367710, AI201715, AI202745, AI445483, AI433348, AI478813, AI146981, AI151439, AI184769, AI658554, AI521058, AI537563, AI301471, AI634487</p>
1442	HTEGD78	876374	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 554 of SEQ ID NO:1442, b is an integer of 15 to 568, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1442, and where b is greater</p>	<p>AI811832, AI732557, AA151182, AI610370, AI672898, AI874058, AI758608, AL079276</p>

1443	HCVBN59	876376	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 640 of SEQ ID NO:1443, b is an integer of 15 to 654, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1443, and where b is greater than or equal to $a + 14$.</p>	AA305677, D80212, D80248, D80268, C14331, D57483, D80227, D59927, D80269, D80133, D59619, D80210, D80240, D80378, D80166, D80219, D81026, D80439, C14389, D80157, D81030, C14429, D80522, C15076, AA305409, AW178983, D80195, D51060, D80022, D80366, D59859, D59502, D51423, D51799, D80253, D80045, D59467, C14014, D58283, D80188, D80391, D80164, D59787, D59275, D80043, AA514186, D59889, D59610, D80193, D80196, D80251, D51022, D50979, D80024, D50995, AW377671, AA305578, D59373, D80038, D80302, AA514188, D80241, AW360811, D80247, AW177440, AW178893, AW352163, D51759, AW375405, T03269, C75259, D80258, AW178906, AW179328, AW366296, C05695, AW360844, AW360817, AW375406, D51103, AW378534, AW179332, AW377672, AW179023, AW178905, AW377676, AW378532, C06015, D80132, D80134, AW177501, D59653, AW177511, D80949, D59627, AW352171, AA809122, AW352170, AW177731, AW178907, AW378528, D59503, AW178762, AW179019, AW179024, D58253, D51250, AW176467, AW367967, AW360841, AW177505, AW179020, T48593, AW178775, AW360834, AW178909, AW177456, AW369651, AW352158, AW179329, AW178980, AW178914, AW177733, AW178908, AW178754, AW179018, D80014, D80064, AI557751, AW352117, AW178774, D45260, AW352120, D51213, AW179004, C03092, D51079, F13647, AW179012, D80168, AW378525, C14344, D59695, AW378543, AI525923, AW352174, AW177728, H67854, N66429, AW179009, D80228, D81111, AW367950, AW178911, AW177722, AI910186, AW378540, H67866, C14077, T11417, AW178781, AI905856, C14407, AW177508, D58246, AI525917, AW360855, C14227, D58101, D51221, T03116, AW178986, AW177497, T02974, Z21582, AI535850,
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			D59317, D59474, AW177723, D45273, C14973, AI525920, AW378533, AA514184, AI535959, C14957, AW177734, D60010, AI535686, C14298, AI557774, D59551, AI525235, C14046, T03048, D60214, AI525215, AI525227, AI525912, AW378539, D51097, AI525242, AA285331, D50981, AW179011, D51053, AW378542, AI525925, AI525222, C05763, C13958, C16955, Z33452, Z30160, AA305720, A62298, A84916, AR018138, AR008278, A62300, A82595, AB028859, AJ132110, AF058696, Y17188, X67155, D34614, A67220, A45456, AR060385, AB002449, D26022, A25909, A94995, Y12724, D89785, A78862, A30438, AR008443, I50126, I50132, I50128, I50133, D88547, AR066488, AR016514, AR060138, X82626, A26615, AR052274, A43192, A43190, AR038669, I82448, I14842, Y09669, AR066487, Y17187, X68127, AR025207, AR054175, D50010, A63261, AR066490, AR008277, AR008281, I18367, U46128, AR008408, AR062872, AR016691, AR016690, A70867, A64136, A68321, DI3509, AR060133, AB012117, I79511, U79457, AF123263, AR032065, T52855, T56234, T65208, R26874, R49147, R49147, R56838, R63286, R68208, R68209, R76931, H08236, N21262, N23372, N32910, N42052, N47538, N63310, N63321, W00634, W46981, W47082, AA043968, AA043955, AA046699, AA057059, AA058538, AA102644, AA131696, AA131540, AA186895, AA188518, AA494518, AA632935, AA714553, AA741529, AA767851, AA808213, AA812138, AA847682, AA938741, AA995568, AI000554, W00650, AA477265, AA779560, AA868920, AA969270, AA936409, AI023812, AI093513, T25142, F02925, T52854, F09719, AI274698, AI285351, AI346806, AI469317, AI478311, AI540692, AI478825, AI144017, AI160890, AI625377, AI610977, AI291591 AA305023, AI352123, AI245481, AI909228, AI915162
1444	HCYBC31	876379	Preferably excluded from the

1445	HCQBM44	876380	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 885 of SEQ ID NO:1444, b is an integer of 15 to 899, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1444, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 351 of SEQ ID NO:1445, b is an integer of 15 to 365, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1445, and where b is greater than or equal to a + 14.</p>	
1446	HKCSP75	876381	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 362 of SEQ ID NO:1446, b is an integer of 15 to 376, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1446, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 362 of SEQ ID NO:1446, b is an integer of 15 to 376, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1446, and where b is greater than or equal to a + 14.</p>	
1447	HKCSP84	876382	Preferably excluded from the	AC000402, AC002322

1448	HPMFF45	876383	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 289 of SEQ ID NO:1447, b is an integer of 15 to 303, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1447, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 511 of SEQ ID NO:1448, b is an integer of 15 to 525, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1448, and where b is greater than or equal to a + 14.</p>	R52326, AL110125	
1449	HE2CT52	876385	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 605 of SEQ ID NO:1449, b is an integer of 15 to 619, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1449, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 605 of SEQ ID NO:1449, b is an integer of 15 to 619, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1449, and where b is greater than or equal to a + 14.</p>	H74219, AA315682, AA904381	
1450	HTNBJ76	876386	Preferably excluded from the	AW083135, AA808057, AI745495, AA599616, T36219,	

		<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 302 of SEQ ID NO:1450, b is an integer of 15 to 316, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1450, and where b is greater than or equal to a + 14.</p>	<p>AI918013, AA937922, AI591300, AI868123, AI041990, AA342254, T33591, D44838, F16827, AI360911, R11202, D25779, AI521589, AA076707, AI978792, AW068394, AA347093, AA323085, AA359192, AI446474, F17700, AL045709, AA077776, AI633427, AA533408, AA558298, AA835710, AA330573, R87547, AI151261, AI370475, AA297968, AI699060, AI114477, T92957, AI952780, AA972238, AA857296, AA663306, W23546, AW268277, AA643261, AI251111, AL042113, F26719, AA825357, AI132963, T47739, AI538812, AA548087, AA425924, AI890385, AA485716, AI538540, AA828762, H05073, AW419262, AW193493, AA527730, AI865988, T78484, AA468051, AW272763, AI049996, AI801141, AI913324, N84161, R82388, H82895, AW451360, AI053786, AI148927, AI445592, AI042342, AA487219, AA384039, AA572960, AL046782, AA487079, AI754013, AA492313, AI923011, C13960, AW271904, AI753951, AA634209, AI755085, AA614010, AA235575, AW238016, AA467988, AI791150, AI623899, AA063139, AI114752, AA362395, AW407340, AA935377, AI859946, H73174, AA775049, AA581914, AI634323, AI470956, AW419081, AI979005, AI671035, AI952900, AA708678, AA311071, AA814510, AA743989, AI696901, AI754923, AA663701, AA357307, AI859834, T52783, T65812, AI755236, AI475332, AL120976, AI915081, AA569182, AA664135, AA831904, AA526656, AW189278, AA569743, AA632845, AA714956, AA664789, AA525209, AA507625, AI252506, Z36239, AI241705, AA776552, H55878, T80500, AW176024, AI261913, AI275742, AL037910, AA829033, AC004084, AC004253, AC018767, AC006120, L78810, AC007055, AL031055, AC002400, U62317, AC005288, AL035587, AP000355, AC005341, AL021391, AL049780, AC005209, AL035455, AL034379,</p>
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	AL035450, AL121655, U76377, AF029750, Z82172, AL109827, AC005184, AC005778, AC006958, AC005071, AL031257, AC009286, AC006132, Z82214, AL035687, AC006146, AC004993, AL031295, AL049611, AF001549, AC006115, AC005670, Z98257, AC004815, AL121748, AL121603, Z85986, AL034421, AC005015, Z49258, AC007860, Z84572, AP000030, Z97200, AC002073, AL031767, AC004837, AC005666, AF196969, AC005339, AC005011, AL035458, AF111169, AC004797, AC005800, AL031846, AL121652, AP000459, AL024498, AC006160, AC002045, AC002472, AC002558, AC004485, AC005225, AF190465, AP000112, AC006501, AC005624, AC005081, AC005726, AC006026, AP000513, AC005911, AL049552, AF045555, Z99943, AL031659, AL050307, Z97630, AL031054, AC004821, AC007406, AP000140, AC005306, AL049557, AC005088, AL109967, AC007437, AP000036, AC007536, AC007899, AC007114, AF042090, AC005480, AC005547, AC004386, AC004876, AC005251, AC003041, AL022316, AC005378, AL080242, Z85987, AC006965, AC007021, AC003104, AF134726, AC006013, AC006064, AL096774, AB020866, AP000133, AP000211, AC006049, AF064863, AC007993, AL031311, AF015262, AL035697, AF205588, AC005231, AC007151, AL034547, AC007488, L44140, AL021546, AC006299, AF146367, Z98036, AP000144, AL031282, Z99128, AF053356, AL133243, AL035451, AC007283, AC002996, AC005082, AC010582, AL031589, AL034420, AP001054, AL132985, AL034451, AC006116, AF118808, AC006380, AC007298, AP000065, AC002316, AP000088, AC005786, AC000003, AC005598, AC005663, AC006978, AL031733, AC004050, AC002538, AC005284, AP000216, Z93241, AC007227, AL049845, AC004849,

1451	HE9ND38	876387	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 351 of SEQ ID NO:1451, b is an integer of 15 to 365, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1451, and where b is greater than or equal to a + 14.</p>	<p>AP000474, AC006344, Z75744, AC007390, AL049795, AL022721, U91321, AC005808, AC004448, AC010197, AP000517, AL031291, AL021808, AC005366, AL031681, AC003982, AC005874, AF134471, AL132712, AC004647, AL078593, AC007565, AC005751, AL031594, Z82206, AL031286, AP000959, AC004000, AC007510, AC006530, AC005280, AC007649, AP000230, AC005971, AC006480, AL022165, AC002364, AL132992, AC006323, AC004020, AC005821, AF006501, U63721, AC005799, AL050312, AF038458, AL021397, U95742, AL031121, AF124523, AC004227, AC003101, AL022323, AF019413, AJ229043, AJ003147, AP001037, AC006285, AC009464, AC006039, AC005048, AC002377, AP000692, AC005245, AC006597, AC002365, AL049643, AL050318, AC005057, AC002115, AC007221, AC004814, AC004111, AL035462</p>
1452	HPIAK40	876395	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 756 of SEQ ID NO:1452, b is an integer of</p>	<p>AA334551, AA307537, AF002996</p> <p>AI902815, AI910057, AI902293, AR062079, E05133, A14565, I19407, E05330, E05331, E05332, A27627, E05329, E03742, E06073, I19413, I19414, E15669, AR028747, A58083, E17345, I12374, AR062080, E17343, E17344, E05159, E05147, E05139, E05134, I57961, E05162, E01336, I12376, E17339, E17340, E17341, E17342, A37179, E05144, E05135, I21469,</p>

1453	HHPGD10	876397	<p>15 to 770, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1452, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 548 of SEQ ID NO:1453, b is an integer of 15 to 562, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1453, and where b is greater than or equal to a + 14.</p>	<p>E05152, E05153, I21461, I90026, E05143, A14547, I21454, I31067</p> <p>AW361614, AB023235</p>
1454	HCQB147	876398	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1753 of SEQ ID NO:1454, b is an integer of 15 to 1767, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1454, and where b is greater than or equal to a + 14.</p>	<p>AA527356, AI093930, AI635756, AW150892, AW340249, AI683004, AA574295, AA578334</p>
1455	HE8DW67	876399	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 386 of SEQ ID NO:1455, b is an integer of</p>	<p>AA308646</p>

1456	HONAH83	876400	<p>15 to 400, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1455, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 998 of SEQ ID NO:1456, b is an integer of 15 to 1012, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1456, and where b is greater than or equal to a + 14.</p>	<p>N44636, AW292774, AA398365, H29990, R92869, AA403200, N44265, AA362919, AI914181</p>
1457	HHGCW95	876401	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 623 of SEQ ID NO:1457, b is an integer of 15 to 637, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1457, and where b is greater than or equal to a + 14.</p>	<p>AA573757, AA161293, AA524449, AI742214, AA622626, W96506, AI476586, W96473, AA570007, AI216739, AW168439, T06973, AI268257, AI702993, AA502262, AI911816, AI796804, AA480659, AA552367, AI709265, AI809403, AI445236, AA552072</p>
1458	HCYBI75	876402	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 528 of SEQ ID NO:1458, b is an integer of</p>	<p>AA305438, AA056382, AW188096, AA308744, AI702438, C14389, D59927, C14331, D80022, D50995, D80166, D80212, D80391, AW178983, D59787, D59619, D80210, D80240, D80045, D80268, D58283, D81030, D80196, D59467, D51022, D59859, D51799, D80227, D80195, D51423, D80164, D59275, D80253, D80043, D59502, AA305409, D80219,</p>

		<p>15 to 542, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1458, and where b is greater than or equal to a + 14.</p>	<p>D80269, D80248, D81026, D80366, D80188, D50979, D80522, C14429, C15076, D59610, AA305578, D51060, D80193, D57483, D80038, C14014, D59889, D80133, D80024, AA514188, AA514186, D80439, D80378, AW360811, AW177440, D80247, D80241, D80302, D80251, AW178893, T03269, AW377671, AW375405, D80157, AW178906, AW179328, AW366296, C75259, AW360844, AW360817, AW375406, D51103, AW378534, D51759, AW179332, AW377672, A1139921, AW179023, AA056479, AW178905, AW378532, C06015, AW352170, AW177501, AW177511, D51250, C05695, D59373, D80132, AW352171, AW377676, AW177731, AW178907, T48593, AW378528, AW178762, AW179019, AW179024, D80134, D59653, D58253, AW176467, D59627, AW367967, AW177505, AW360841, AW369651, AW179020, AW178775, AW178909, AW177456, AW360834, AW179329, AW178980, AW178914, AW177733, AW178908, AW178754, AW179018, AW352158, AW352117, D45260, AW178774, D58101, D59503, F13647, AW352120, AW179004, AW179012, AW378525, AW352163, T11417, D80949, H67854, D80168, C03092, AW378543, AW352174, H67866, AW177728, AW367950, AA809122, AW179009, AW178911, C14344, AW177722, D51213, AW378540, A1910186, D80228, A1525923, D80064, AW178781, D80258, A1905856, C14227, D45273, C14973, C14046, T03116, A1525917, D58246, D81111, D59317, D80014, AA514184, AC004510, AC002384, U95626, AC006013, U88897, AC003013, A1050339, AC005145, AC004768, A1139054, AC005090, AC002530, AC006364, AC007207, A1121879, Z56740, AF058696, A84916, A62300, A62298, AB028859, AJ132110, AR018138, AR008278, A82595, D26022, AR060385, AB002449, X67155, A25909, AC004791, Y17188, A94995, Y12724, A67220, D89785, A78862, D34614, AR008443, I50126, I50132, I50128,</p>
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1459	HCRMK04	876404	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 517 of SEQ ID NO:1459, b is an integer of 15 to 531, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1459, and where b is greater than or equal to a + 14.</p>	<p>I50133, A43192, A43190, AR060138, D88547, AR066488, AR016514, A45456, I14842, A26615, AR052274, I82448, AR038669, X82626, Y09669</p> <p>AI057537, AI862687, AI686128, AW002455, AA875951, AI783596, AI050998, AI273307, AI374905, AI224513, AA460225, AI042000, AI610450, AI829581, AA775736, AI364904, AI698790, AA844090, R71519, AI860091, AI523843, AI767012, AI473515, AI350561, AW188551, AL119399, Z99396, AL119324, AL119457, AL119443, AL042544, AL134524, AL036418, AL038837, AW392670, AL037051, AL036725, AA631969, AW372827, AL039074, AW384394, AL119497, AL119418, AL036858, AL134920, AW363220, AL036924, AL119483, U46341, AL119319, AL038509, AL039564, AL039085, AL119396, AL039156, AL039108, AL039109, AL039128, AL119484, AL119363, AL119341, AL119391, AL119355, AL119335, U46350, AL119522, U46349, U46351, AL119496, AL037094, AL037526, AL039659, AL036196, AL036190, AL037639, AL042965, AL038531, U46347, AL042614, AL037085, AL119444, AL036767, U46346, AL037082, AL042975, AL119464, AL037205, AL119488, AL134533, AL119439, AL036268, AL039625, AL039648, AL045337, AL038520, AL134538, AL036238, AL134518, AL042984, U46345, AL038447, AL042909, AL039678, AL039629, AL134527, AL042433, AL039386, AL042551, AL134531, AL039423, AL037077, AL042970, AL043029, AL042450, AL043011, AL043019, AL037615, AL038851, AL042542, AL036998, AL036733, AL037178, AL043003, AL036765, AL036719, AL037027, AL039410, AL036679, AL036774, AL037021, AL036191, AR060234, AR066494, A81671, AR023813, AR064707, AR069079, AB026436, AR054110</p>
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1460	H2CBF13	876405	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 593 of SEQ ID NO:1460, b is an integer of 15 to 607, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1460, and where b is greater than or equal to a + 14.</p>	AA307313, AA312913, AI203434
1461	HKCSO44	876408	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 107 of SEQ ID NO:1461, b is an integer of 15 to 121, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1461, and where b is greater than or equal to a + 14.</p>	
1462	HWLKU83	876409	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 692 of SEQ ID NO:1462, b is an integer of 15 to 706, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1462, and where b is greater than or equal to a + 14.</p>	AW014464, AA693558, N74561, AI024015, AA332850

1463	HE9RM22	876418	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1751 of SEQ ID NO:1463, b is an integer of 15 to 1765, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1463, and where b is greater than or equal to a + 14.</p>	<p>AI492422, AI357898, AW296940, AA931635, AW296456, AI038836, AI265919, D59291, AA694009, AA700680, H06163, H66881, R23681, T86478, T86479, H81425, AI016343, Z38898, T16577, Z42746, Z42275, T89377</p>
1464	HCRPQ93	876419	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 461 of SEQ ID NO:1464, b is an integer of 15 to 475, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1464, and where b is greater than or equal to a + 14.</p>	
1465	HPDDL36	876420	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 184 of SEQ ID NO:1465, b is an integer of 15 to 198, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1465, and where b is greater than or equal to a + 14.</p>	<p>AA366524</p>

1466	H2CBM09	876422	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 500 of SEQ ID NO:1466, b is an integer of 15 to 514, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1466, and where b is greater than or equal to a + 14.</p>	AA307727, AL121460, Z56847, Z57345
1467	HKCAA10	876425	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 635 of SEQ ID NO:1467, b is an integer of 15 to 649, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1467, and where b is greater than or equal to a + 14.</p>	AA192455, AW294111, AA707196, AI924499
1468	H2CBI25	876426	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 465 of SEQ ID NO:1468, b is an integer of 15 to 479, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1468, and where b is greater than or equal to a + 14.</p>	AA307505, AA360083

1469	HKISB80	876427	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 385 of SEQ ID NO:1469, b is an integer of 15 to 399, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1469, and where b is greater than or equal to a + 14.</p>	AA718982	<p>AA307365, AW009512, AI609285, AI659851, AA301898, AI671626, AI818892, AW025713, AA490857, R40307, AA700491, AI273067, AA834371, AI368173, AW316631, C05075, AA480122, AA348046, D59610, AA089704, D80241, D59467, Z21582, D80212, D80045, D59859, D51423, D80188, D80166, D58283, D81030, D59619, D80210, D51799, D80240, D80253, D59889, D80195, D80038, D80022, D80219, D80043, D80391, D59275, D57483, D59787, D80227, D59502, D80366, D80196, D50995, C14331, D80164, D59927, D80269, D50979, D80024, D80193, D80378, C14389, C14014, C15076, AA305409, D51060, C75259, T03269, D58253, C04935, AW178893, F13647, D80134, D59695, D81026, D80268, D51250, D80522, D51022, D80949, AW179328, AW352158, AW378532, AW177440, AA305578, D80168, AW369651, D80248, D51079, D81111, D80251, C14227, D52291, AW178762, AA514188, C14298, D80133, AA514186, C14407, AW360811, AI557751, AW378540, D51097, C05695, AW375405, AW360834, AA285331, AW377671, D80132, AW366296, AW360817, AW375406, AW378534, AW179332, AW377672, AW179023, D80439, AW178905, AW179024, D80302, D59373, AW179020, AW177456, AW352171, AW377676, AW178906, AW352170,</p>
1470	H2CBE84	876428	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 446 of SEQ ID NO:1470, b is an integer of 15 to 460, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1470, and where b is greater than or equal to a + 14.</p>		

1471	HSEBD08	876431	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1993 of SEQ ID NO:1471, b is an integer of 15 to 2007, where both a and b</p>	<p>AW177731, AW178907, AW178754, AW179019, D80247, D58101, D80014, AW179004, AW179012, D51759, AW178980, AW177733, AW378528, AW178908, AW179018, T11417, H67866, T03116, D80157, AW178914, AW178781, AW378525, D51103, D59627, C06015, AI557774, AW352120, AW177728, AW178774, AW178911, AW378543, AW352163, D80258, D59653, D45260, T02974, D59503, D51213, T48593, H67854, AI525235, H67858, C03092, AW378533, AA809122, AW367950, D80064, AW178986, AI525923, D58246, C14957, D59551, AA514184, AI525917, D50981, D45273, D59474, C14344, D51221, D59317, D80228, C14973, AI525920, C14046, D60010, AI535686, AI525912, AI525227, AI525215, AC002036, A62298, AJ132110, A84916, A62300, AR018138, D88547, D34614, X67155, Y17188, D89785, D26022, A25909, A67220, A78862, AR008278, A45456, X82626, AF058696, AB028859, AR025207, Y12724, AB012117, X68127, AR066482, A85396, A82595, A44171, A85477, A94995, I19525, A86792, U87250, AR060385, X93549, AB002449, AR008443, AR016808, AR064240, I50126, I50132, I50128, I50133, A30438, AR066488, AR016514, AR060138, A26615, AR052274, Y09669, A43192, A43190, AR038669, I14842, AR054175, AR066487, I18367, AF135125, Y17187, A63261, D88507, AR008277, AR008281, D50010, A70867, AR062872, AR016691, AR016690, U46128, AR008408</p> <p>AA781174, AW242810, AI888669, AI572847, AW301246, AA773636, AA053054, AA112389, AA053397, AA699864, AA112388, AA974581, AI524767, AW377081, AW016549, D62897, AA954644, AA169505, AW377047, AA092662, AW362046, AA629163, S72869</p>
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1472	HPMFM22	876432	correspond to the positions of nucleotide residues shown in SEQ ID NO:1471, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 386 of SEQ ID NO:1472, b is an integer of 15 to 400, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1472, and where b is greater than or equal to a + 14.	R42236, AI268027
1473	HDHEB14	876435	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1264 of SEQ ID NO:1473, b is an integer of 15 to 1278, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1473, and where b is greater than or equal to a + 14.	AI913961, AA6211915, AI768685, AW009951
1474	HAIDH43	876436	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 461 of SEQ ID NO:1474, b is an integer of 15 to 475, where both a and b	AI744435, AA725348, AI910436, AA771917, AW275132, AI915670, AI217575, AA772389

1475	HJAAAL27	876440	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1474, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 428 of SEQ ID NO:1475, b is an integer of 15 to 442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1475, and where b is greater than or equal to a + 14.</p>	AA354378, AA397949, AA007514
1476	HASAB14	876441	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1005 of SEQ ID NO:1476, b is an integer of 15 to 1019, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1476, and where b is greater than or equal to a + 14.</p>	<p>AI381990, AA523925, AI381991, AI673419, AA535262, AI990950, AW369662, AI272934, AI150565, AW316722, AI142707, AW338227, AA487031, AA486591, AI968726, AA614168, AA632457, AA122026, AA482527, AA512956, AA658276, AA541675, AA451748, AI677810, AI587642, N64192, AI250993, AA424310, AI905464, AA229168, AA122025, AL035541</p>
1477	HWLNS47	876444	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 843 of SEQ ID NO:1477, b is an integer of 15 to 857, where both a and b</p>	<p>AA279461, R59258, T80331, Z45041, F13132, T75390, AA099543, AA669197, H08922, H57648, AW304022, AA304745, W79474, AW118919, R59760, W86555, R18710, AF083033, AR028451, AF072860, Z84477</p>

1478	HE8UJ03	876447	correspond to the positions of nucleotide residues shown in SEQ ID NO:1477, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2757 of SEQ ID NO:1478, b is an integer of 15 to 2771, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1478, and where b is greater than or equal to a + 14.	AW340972, AI763378, AI745530, AI400359, AA634799, AW373755, AA406542, AW008882, AI379597, AW373615, AI858439, AI380423, AI628029, AW074041, AI538874, AW189012, AA857364, D82303, AA224830, AA132792, AA224831, AA524982, AW364047, AI678604, AI142902, AA133068, D82445, H39906, AA593133, AA644624, AA888921, AA411736, AI992380, AI679729, AA904079, AA494400, AA577041, AI282492, AI640743, AW074288, AI535647, AA551421, AA336073, AA505483, AI469669, AI284099, AI284098, AI201463, AI872908, AI610272, AA829570, AI290109, AI903549, AI903561, AI611723, T11347, AI903513, AA337475, AI567336, AI925611, AW389340
1479	HDTLK03	876448	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2051 of SEQ ID NO:1479, b is an integer of 15 to 2065, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1479, and where b is greater than or equal to a + 14.	AA442527, AW262626, AW391549, AW304931, AI669606, AI858160, AA085664, AA659697, AI632828, AA134338, AA984772, N22162, AA085613, AW197240, AW129348, W26560, AI311237, AI336661, AI343171, AW274348, AA581646, AI344929, AA9335005, AI017643, AI335437, AA847210, AA730055, AW268074, AW089030, AI382955, AA662650, AW193002, AA648105, AI933533, AA782687, AA389680, AA334191, AW370221, AA373813, AI914719, N71529, AA186588, AW363311, AA373153, AA120820, D20893, AI557148, T24490, AA249060, AI741448, W73136, W73116, AI251367, AF086334
1480	HMTBC69	876451	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by	D50810, U62768, U62769, U32990, U76997, AJ131025, AJ131026, AJ131027, AJ131028

1481	HMUBP81	876452	<p>the general formula of a-b, where a is any integer between 1 to 706 of SEQ ID NO:1480, b is an integer of 15 to 720, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1480, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1153 of SEQ ID NO:1481, b is an integer of 15 to 1167, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1481, and where b is greater than or equal to a + 14.</p>	<p>AI279547, AI083565, AI804064, AA252212, AA306506, AI083894, AW183913, AI288218, AA973053, AA252213, AI440455, N23315, AI300175, AW152434, AI864289, AI217669, N32475, AA825339, AI564974, AA765563, N23439, AA234876, AA235303, T47445, AA311785, AI147554, AA738131, AI560760, AA933026, T90472, AA573442, AI279529, AA193637, HI1688, AI937674, T47444, AA740441, D81882, H96821, T83136, AI219090, AA573498, AA371301, AA809694, AA193600, AA766413, AA258658, AA258659, C01339, AL008729</p>
1482	HAPOT58	876458	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2115 of SEQ ID NO:1482, b is an integer of 15 to 2129, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1482, and where b is greater than or equal to a + 14.</p>	<p>AL037788, AI686047, AI753484, AI636777, AI861877, AI935355, AI144560, AI192999, AI806026, AA081086, AI140416, N52261, AI984946, AI126835, AI375382, N31999, AI431922, AI000687, AA281546, AI354844, AW368199, AI806020, AI192995, AA432212, AI796776, AI765555, AI436119, N62465, AA416953, AI392798, AA504837, AA993835, AI942228, N74643, AA962052, N31979, H80204, AI340563, AW025654, W95677, AI373352, AA928965, AA505730, AA598619, AA281547, AA455805, AI373515, AA919147, AI879179, AI656682, AI350119, AI143974, AA283875, AI810436, AI761126, AA456624, AA931610, AI634994, AI149059, H58033, AA282093, AI762032, AI867892, W39405, W15216, AA456424, AI493979, W26521, AI418808, W95891, AA470851, N92893,</p>

1483	HCFLR18	876459	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 519 of SEQ ID NO:1483, b is an integer of 15 to 533, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1483, and where b is greater than or equal to a + 14.</p>	<p>H81006, AA136357, AA359333, N50738, AI309586, AA783008, AW293385, AA373138, AW363229, AI919006, T81361, W95965, AA283984, AA371258, AI589997, AA605260, AA370986, AI690377, AA359446, W73659, H78829, AA113788, AI761221, AI469943, AA609846, AI864350, W25612, R24652, AA360514, AI907228, AA831054, AA355628, H78428, AI473940, AA291183, AA745877, AA136269, T24969, AI693730, AA706077, N83393, AA070852, AI905829, AI587625, N88059, AW363223, AI559993, AA526788, AI216608, AW371352, AI634388, N79184, AW363222, AA594328, AA400847, AI209205, AA393670, H83189, AF161432</p> <p>AA807288, AL036653, AL036654, AI288925, AI291875</p>
1484	HDPAA38	876464	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 887 of SEQ ID NO:1484, b is an integer of 15 to 901, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1484, and where b is greater</p>	<p>AA873176, AA931378, AI218111, AI014843, AA379509, AL021155, AC004663, AC005379, AL096702, AF187320, AL117258, U95740, AC004797, Z95704, AC004636, AC005071, AP000952</p>

1485	HCYBM66	876465	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 768 of SEQ ID NO:1485, b is an integer of 15 to 782, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1485, and where b is greater than or equal to $a + 14$.</p>	AA116082, AA305687, C14014, D80269, D80227, AA809122, AA305409, C14389, D80391, D59787, D80196, D58283, D59859, D80022, C14331, D80166, D80195, D59467, D51423, D59619, D80210, D51799, D80164, D59275, D80240, D81030, D80253, D80043, D59502, D80212, D80188, C15076, D80219, D59927, D57483, D80366, D80038, D50979, D59889, D80193, D50995, D80024, D59610, D80378, H67854, T03269, C14429, AW178893, D80241, D80045, AW179328, D51060, AW177440, D51022, C75259, AW378532, AW369651, AA305578, AW178775, AW178762, D51250, AW352158, D80134, AI910186, D80251, D81026, D80248, H67866, AW177501, AW177511, AA514188, AW360811, F13647, D80522, C14227, D58253, AW352117, AA514186, AI905856, D80133, AW176467, AW375405, AW352163, D80168, AW377671, AW377676, AW360834, AW366296, C05695, AW352171, AW360844, D81111, AW360817, AW375406, C14298, AW378534, AW179332, AW378540, AW377672, AW179023, AW178905, D80064, D80268, C14407, D80132, AW352174, AW178906, AW352170, AW177731, AW178907, AW179019, AW179024, D80439, U91321 AC008122, AL021808, AC007649
1486	HPWAY46	876469	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 877 of SEQ ID NO:1486, b is an integer of 15 to 891, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1486, and where b is greater than or equal to $a + 14$.</p>	
1487	HLTAH77	876470	<p>Preferably excluded from the</p>	AI359524, AW003850, AI089719, AI359474,

1488	HWLXX39	876471	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1167 of SEQ ID NO:1487, b is an integer of 15 to 1181, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1487, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 491 of SEQ ID NO:1488, b is an integer of 15 to 505, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1488, and where b is greater than or equal to a + 14.</p>	<p>AI652055, AI948841, AI824819, R87348, F13369, T77492, Z43232, N50592, F11622, AA360610, F08357, AF035282</p> <p>AI879483, AA553761, AW363300, AW162358</p>
1489	HPTWG85	876472	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 637 of SEQ ID NO:1489, b is an integer of 15 to 651, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1489, and where b is greater than or equal to a + 14.</p>	<p>AI652564, Y17108, Z92544, Y17258</p>
1490	HE6BS09	876473	<p>Preferably excluded from the</p>	<p>AL120741, AA573741, AW409804, AA191552, W93042,</p>

		<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2954 of SEQ ID NO:1490, b is an integer of 15 to 2968, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1490, and where b is greater than or equal to a + 14.</p>	<p>AW402618, AW409704, AA496304, AW073345, AW300845, AA744892, N39760, AW176254, AI498051, AA419262, AA932846, AA632390, AA504894, AI564499, AI128977, AA737814, AA419313, AA565758, N26317, AW291428, AA533063, AI375164, AA662704, AA935484, AI128486, AI266104, N32937, N42608, AA307525, AI272853, AI354318, AA565783, N35109, AA191421, AI091816, W24942, N62754, AI113164, AI139914, R35445, AI358925, AI524297, AA411740, AW169734, AA342234, AA864231, AI219732, R75982, AA506884, AA868134, N95815, AA952966, AA406562, AA422127, AI277114, AA568586, AI307129, AA52501, AA325046, R80092, AA296682, AA075972, AI660916, AA877488, T48678, R25740, T78250, AL079578, AA504946, AA923223, R76813, R27494, AA348004, AA694309, AI538662, H04698, AA337541, AA356674, T48679, AA738377, AA368983, AA074378, AA809882, AA588403, AI672899, T78083, N79702, R25658, AI202481, AA311735, AA112425, R27510, R32527, R28609, AA129797, R25647, AI364021, AA578870, AI864211, AL079579, AA665375, R79989, AA355436, R34256, AA368982, AA348005, AA327401, N43853, AA937676, AA876470, AA235504, AW166979, AA548792, AA337180, AI520916, AI684053, AA054425, AI866770, AA878790, AI890907, AI348854, AI608932, AW001426, AI358701, AI680498, AI554343, AI620639, AL038445, AI961589, AI758437, AA911767, AI611348, AW022682, AW131288, AA603709, AI288285, AI344935, AI310575, AL037582, AL037602, AI340533, AL042191, AI349645, AW268253, AI702301, AI345253, AW083175, AI349937, AI621209, AI345026, AI559531, AI554485, AW150804, AI340627, AI963846, AW303089, AI859429, AI335235, AA908294, AW105601, AI497733,</p>
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	AI307569, AI340511, AI263331, AL036980, AI559632, AI334930, AW004896, AL036904, AI345739, AI340659, AI343091, AI251221, AW074869, AI932638, AI247193, AI690813, AI634224, AW268072, AI335208, AW089275, AW302992, AA983883, AI872423, AI500588, AW169604, AW079336, AW026882, AI815232, AI310582, AW074993, AW129106, AI445131, AI335426, AI349957, AI348777, AW301300, AL041150, AW075207, AI312152, AI343037, AI310940, AI470293, AI889148, AW152469, AI690411, AI349226, AI345005, AI348879, AW075084, AI886206, AW058233, AI349614, AI343112, AW193134, AI307543, AI307210, AI312156, AI307708, AI349598, AW302988, AI859733, AI349256, AW167222, AI313320, AI345735, AI801460, AI620284, AW023338, AI432969, AW072588, AI307520, AW088805, AI249323, AI869367, AI334884, AW071412, AI207454, AI312325, AI343140, AI349971, AW089689, AW081797, AI783504, U49908, M30514, E02349, I48978, AL117435, X84990, AF118070, AF113699, AL049464, AL050277, X83508, AL049314, I89947, A08916, I03321, A08913, AJ238278, A08910, A08909, AF090943, AR029490, X63574, I89931, A08908, AL137521, AL133568, I49625, AL050393, AJ012755, AR038854, AF028823, AL133557, U49434, AR011880, AR038969, AL133016, A08912, I48979, X96540, AF113694, AF113690, AL080127, AL023657, AF158248, A18777, AF079763, AL117457, E02221, X53587, AF090896, AF118094, AL049382, AF106862, AF113677, A90832, AL137550, AL117432, AL110222, AL137292, E04233, U58996, AB007812, AF017437, AF100931, AF118090, I42402, AF026124, AL050116, AL050092, U35846, AF008439, AL050172, Y10080, AL110197, AF111849, AL117649,

1491	HERAM35	876474	Preferably excluded from the	<p>AF090900, AF125949, S78214, AF061943, I26207, X82434, U67958, AL117416, E08631, U78525, AF104032, S75997, AF091084, AL049452, X70685, AL117583, A03736, AF113019, AF090934, AR034830, I96214, AF215669, AL137478, AL110196, AL110280, A07647, AL137558, AL050138, AL133072, AL137480, U91329, A08911, AL049300, AL049466, AF183393, AL133081, Z37987, AF162270, U00763, AL137429, I09360, AL050024, AL080124, AL133098, AL117460, AL117585, AL096744, AF026816, U42766, AL080154, AJ242859, X52128, AL049465, AL080158, I00734, Y07905, E12747, X72889, AL133560, A58524, AL080074, A58523, AL122110, AF003737, AF100781, AL137526, AL137523, AF097996, AF051325, E06743, AF132676, AF061836, AL110225, M86826, AL133665, Y09972, AL050108, AL137488, AF106657, AL133113, AF113013, AL080234, AL133565, AF061573, AL137463, I89934, I89944, AL080086, AF078844, Y10655, AR020905, AL122093, Y11254, AL133080, A77033, A77035, AF087943, AL133640, AL137271, Z72491, AF111851, AL110221, AF090903, AF125948, AF113676, I66342, AL137533, A08915, E15569, AF185576, U80742, AL117394, AL050155, S79832, AF022363, AL122121, AF032666, D83032, AF119337, AR013797, I80064, AL122049, Y16645, AF067728, A65341, AL049283, AJ000937, AL049430, I33392, AL137560, Z82022, AF153205, A93350, I09499, L31396, U68387, AL133077, AF177401, S68736, AL137705, AF090901, AF139986, X65873, AF079765, L31397, AF081195, AL137476, AL122123, E08263, E08264, E07361, A93016, S61953, A21103, AL137459, X00861, AF126247, AF118064, AL133558, X87582, AL122050, AL137529, AF061795, AF151685, A12297, AF057300, AF057299, AL110171, AL080060, A08907, AF113689, AF017152, AL133075, AR068751</p>
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1492	HFIUG54	876475	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 515 of SEQ ID NO:1491, b is an integer of 15 to 529, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1491, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1211 of SEQ ID NO:1492, b is an integer of 15 to 1225, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1492, and where b is greater than or equal to a + 14.</p>	<p>AA604375, AI096476, AI627324, AI623783, AW270881, AW176260, AA420479, AW263721, AI433858, AI888162, AW001768, AW190261, AW300137, AW166776, AI017162, AI034411, AW169112, AI493585, AA035308, AI400980, AI269743, AI086151, N20484, AA905363, AI244728, AW148617, AA126992, AW370989, AA490959, AW339199, N34406, AW391594, AA480346, AA970535, AA548169, N24599, C02570, AW380443, AA582926, H42703, AW105105, AA570014, AW026638, AA256814, AA364778, AW020880, Z41211, AI536061, AA035307, AA420478, H24299, AA678544, AW391563, AW339527, AA065097, AA613111, AI925770, AW391562, AA191512, D51223, D62210, AA847993, AA652779, AI750126, N75648, AI436629, N51447, AA743305, AL117597</p>
1493	HE8CX56	876476	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2284 of SEQ ID NO:1493, b is an integer of 15 to 2298, where both a and b correspond to the positions of</p>	<p>AI693062, AI936680, AI638780, AW130947, AI203659, AA969048, AA730307, D61225, AL041011, R49279, H64578, AA249856, AA120957, H64682, D81623, AL040722, N56191, AW265781, AA082593, AF029343</p>

1494	H2LAQ54	876480	<p>nucleotide residues shown in SEQ ID NO:1493, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 375 of SEQ ID NO:1494, b is an integer of 15 to 389, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1494, and where b is greater than or equal to a + 14.</p>	<p>AW068683, AA314376, D80193, D80227, D59619, D80210, D80240, D59467, D80195, C14389, D59502, D80164, D59275, D80038, D80219, D80269, D58283, D51423, C14331, D59859, D80022, D80166, D51799, D80391, D80253, D81030, D50979, D80043, D59787, C15076, D80378, D80212, D80196, D80188, D59927, D59610, D57483, D80366, D50995, D59889, D80024, AA305409, T03269, D80241, D80045, AW178893, C75259, AW178775, C14014, AA305578, AW179328, AW177440, D51022, AW352158, AW378532, D80522, D80134, D51250, D52291, AA514188, D81026, AW178762, AW177501, F13647, AW177511, AW352117, D80251, D80168, D80248, D58253, C14298, Z21582, C14227, AW360811, D81111, AW377671, AA514186, D80133, AW378540, D80064, AW375405, C14407, AW366296, D80132, AW360817, AW375406, D80268, AW378534, AW352171, AW179332, AW377672, AW179023, AW377676, AW178905, D51097, AW178754, AW179024, AW179020, AA285331, AW177456, D80302, AW178906, AW352170, AW177731, AW360834, AW178907, AW179019, AW179018, AW352174, D80439, D80247, AW378528, AW178908, AA102166, C14077, T11417, AI557751, AW178914, AW178781, AW378543, AW378525, D51103, AW178774, AW352163, T03116, D80157, AW378539, D80258, D59503, D58246, D80014, T48593, D59627, C06015, D58101, AW378533, AI557774, D45260, AW367950, AW178986, AI525923, H67866, D51213, D45273, T02974, AA809122, C03092, H67854, D80228, T03048, AW179013, D59317, AI525917, AI535686, C14344, C14973, D51221, AI525920, D59474, D59551, AA514184, AI525227, H67858, Z30160, AI535961, AW378542, U70370, AF009649, U54499, U71206,</p>
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1495	HWABG32	876481			<p>A84916, AJ132110, A62300, A62298, AR018138, Y17188, X67155, D26022, A25909, A67220, D89785, A78862, D34614, D88547, AF058696, AR008278, X82626, AB028859, AR025207, Y12724, AB012117, A82595, AR066482, A94995, X68127, AR060385, AB002449, AR008443, A85396, A44171, U87250, A85477, I19525, A86792, I50126, I50132, I50128, I50133, X93549, AR066488, AR016514, AR060138, A45456, A26615, AR052274, Y09669, AF009648, A43192, A43190, AR038669, I18367, AR066487, A30438, D88507, I14842, AR054175, D50010, Y17187, A63261, AF135125, AR008408, I79511, AR062872, A70867, AR008277, AR008281, AR016691, AR016690, U46128, D13509, A64136, A68321, AR060133, AB033111, AR064240</p>
1495	HWABG32	876481		<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1386 of SEQ ID NO:1495, b is an integer of 15 to 1400, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1495, and where b is greater than or equal to a + 14.</p>	<p>AA873178, AW340076, AA453258, AA453359, AI200335, AI189856, AI127354, T57079, AA031327, AI096450, AA948375, AA031328, AA977624, AA994405, AI148795, AI340956, AW014990, AI652909, AI160243, AW026239, AI093526, AA923811, AI091630, AI365268, AW380222, AI367151, N32402, AA583097, N56822, AA579988, AI343747, H12681, AI825678, AW197534, T29148, F08275, AI468467, T95661, T82166, T57151, AI880292, T81821, F04505, AA481266, R41605, AW372903, AA662708, AW130992, AI818777, AA764938, X14356, L03418, X14355, L03419, M91645, M91646, M91647, M82819, L03420, M63835, M91555, M91554, M63834, S45709, M91552, S45707, M63832, M63833, M91553, M91550, M63830, S45704, S79667, A37858, AL133558, AF070643, AJ001388, AL109725</p>
1496	HMTBE05	876483		<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AI026945, AI808573, AI620239, AA948677, N53940, AW249558, AI096948, AA159915, AI095014, AI871045, AI950931, AA455901, AW009419, AI149374, AA024477, AI433743, AA428948,</p>

1497	HKABLO5	876484	<p>the general formula of a-b, where a is any integer between 1 to 1470 of SEQ ID NO:1496, b is an integer of 15 to 1484, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1496, and where b is greater than or equal to a + 14.</p>	AA039950, AA165025, AI884373, AI149074, AI184801, AI188603, AI937231, AA024476, AI469664, W26293, AA831823, AI766893, AA830218, AA476574, AA040001, AW404545, AA455902, AA027936, AI566799, AA582203, R15907, AA422121, AI879131, T34650, Z43817, AA738453, AI220916, N59030, AI419568, AI300117, AA738075, AI967928, Z39886, AW071642, AA863299, AA877869, AI382238, AI149361, AW169605, AA483840, AI436690, AA448896, AI800263, AI831898, AI262999, AI984945, AI915652, AI701265, AI344209, M79093, AI829004, AA028041, AW408623, AI982982, AI202924, AW246104, T65533
1497	HKABLO5	876484	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2178 of SEQ ID NO:1497, b is an integer of 15 to 2192, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1497, and where b is greater than or equal to a + 14.</p>	AI740522, AI309318, AI376662, AI741390, AI742840, AA679083, AI765150, AW002945, AW192895, AA001262, AI052703, AA648295, AI929375, AW157334, AI799150, AA577690, AA909347, AA608744, AI879998, AI421323, W55919, AW373539, W84527, AA947742, AA861283, AA065133, AW168112, AA460061, AI300565, AW204198, AA155821, AW104051, AI800773, AI193965, AA101195, AI582368, AW057835, AI348116, AA527861, AW009823, AW029295, AW022530, AA708118, AW238854, AI452699, AI016610, AA669337, AA480279, AA278360, AI749692, AI160871, AW130090, AA744919, AA760760, AW007135, AI275625, AI057288, AI494111, AA831711, AA687284, AI815697, AI374689, AA155925, AI862854, W55920, AI367891, W04222, AW272692, AA628638, AW070711, AI800064, AA043251, AA160009, N62094, AI671739, AA292750, AI052618, AW166814, AA152365, AI475145, N78325, AA001852, AI952464, AI953334, AI346774, AI243902, AI271553, AI637742, AA514862, AA025382, AA484277, AI288842, AI311020, N50975, AW027908, AA132226, AI436690, AI130684, N74257,

	AI198852, AI354226, AI969402, AI026752, AA453035, AA668696, AI090673, AA971631, AA984913, AW264660, AI798057, N93127, AL120009, AA628641, AA281226, AA922510, AW163390, AA161457, AA187227, AA764824, AI521457, AA439109, AA088421, AA722831, N23855, AA807549, AA043590, W67807, AA026016, AA494441, AA179097, AA565588, AA065202, AA928577, AA633795, W15314, AI886794, W84515, AI797422, AA120907, AA046354, AA788597, AA083453, AA765379, AA009957, AI190992, AA284411, AA857371, AA459969, AA741542, AA001988, AI206746, AA160010, AA586336, AW235920, AA010759, AW075660, AA131616, AA046070, AA247207, AA002267, AW020230, AI123351, AA281235, AA426610, AA780786, AI825394, AA083357, W73815, AI439077, AI434359, AI695507, AI344209, W69764, W60465, AI281441, AA568376, T63795, W38654, AA028052, AI826611, AI800263, AW270667, AI370333, AW117628, W52413, AA127865, AW439098, T64108, AA164988, AA211263, AA278324, AA327661, C15972, W78007, AA011120, T47065, T34888, AA204925, AI758966, N66464, AA491375, AA292539, AA127890, AA845300, AA092473, D54180, AA827429, AI984945, AI074775, AW341620, AW438482, N99121, AA054675, AA226936, T94385, AA126323, AA227046, AI559910, AA574112, AI290025, AA355027, AA460014, AW050391, AA926777, AA373413, AA356295, AA621388, AW009092, AA301008, AA482700, T64028, AA332547, T35591, AA205052, T63820, AA738461, AI000546, N33952, T57017, AI887555, AA365643, AA147057, AA428948, AA448896, AA211143, T51962, R15907, AA131382, AA142894, T30133, AB030905, AC005841, Z84488, U26312, U95740, AF063304, AB005618, X56683, A75245, AL023775, D28877, U09120, AF086270, T47064, T52042, R36239,

1498	HOCTA74	876487	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 671 of SEQ ID NO:1498, b is an integer of 15 to 685, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1498, and where b is greater than or equal to a + 14.</p>	<p>N38911, N46485, N58965, W39742, AA028051, AA128181, AA132330, AA147058, AA152387, AA186506, AA278995, AA278348, AA525751, AA525773, AA525871, AA661828, N56031, C00146, AA091857, AA095676, AA170857, AA398724, AA665715, Z19940, AA732979, Z18797, AA991829, AI001836, Z39146, AI341188, AIS66368, AI652212</p> <p>AI302800, AW118693, AI808667, AI065036, AW080952, AA862461, AI201847, AI138543, AI015998, AA865819, AA470462, AA454546, AI221895, AA481881, AI039771, AA535254, AA482063, AI301489, AA551867, AI018725, AL121442, AI244932, T88913, AI914566, AI017732, AI016693, AI833052, AA608575, AI120921, AA120922, N57711, AW151576, AI572464, AW303732, AI471156, R85699, H60433, AA890675, AI262997, AA620388, T47276, AA534566, AI625454, AA852619, AA889211, AA707578, AI718799, T47275, AI124998, AA477467, H88225, AA680222, H66348, N63309, AA131070, AA131015, AI474581, AI561334, AW392670, Z99396, AW372827, AW384394, AW363220, AL119497, AL134528, AL119443, U46341, AL119457, AL119319, AL119363, AL119341, AL119496, AL119324, AL119355, AL119483, AL119484, AL119391, AL042965, AL119335, U46350, AL134920, AL119522, AL119396, U46351, U46349, AL119418, U46347, AL119444, U46346, AL037205, AL134902, AL042614, AL119439, AL042975, AL119399, AL042551, AL119401, AL134518, AL134524, AL043029, AI142132, U46345, AL042984, AL134531, AL134538, AL134525, AL042450, AL043019, AL134536, AL037051, AL036725, AL042970, AL119488, AL042544, AL042542, AL043003, AL119464, S79219, X14608, M22631, M26121, AL122056, A81671, AR066494, AR060234, AR054110, AB026436, AR069079</p>
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1499	HWLUU48	876490	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1035 of SEQ ID NO:1499, b is an integer of 15 to 1049, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1499, and where b is greater than or equal to a + 14.</p>	<p>AA099027, AI887335, AI887905, AI694672, AI566740, AW086500, AI222690, AI686357, AW085264, AI590636, AA411391, AI431702, AI383310, AA436251, AI913708, AI015064, AA453266, AC004190, AP000516, AB014087, AL020989, AC007100</p>
1500	HULAJ15	876491	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1004 of SEQ ID NO:1500, b is an integer of 15 to 1018, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1500, and where b is greater than or equal to a + 14.</p>	<p>AI991884, AI872008, AI660228, AW167205, AW084525, AA601542, AI859727, AI818462, AW080935, AI687318, AA552217, AA621566, AA886903, AI706568, AI379184, AW000876, AI569542, AI860861, AI887280, AI653757, AA461121, AI554798, AI016349, AA622753, AI332503, AI246460, AI332793, AI144192, AA460819, AA563883, AA455216, AA621675, AA862530, AA858222, AA581826, AI806046, N35715, AW328329, AI262551, AI204029, AI149450, AW071084, AI289219, AA609900, AA927266, AI707484, AI095745, AA618130, AI721109, AA931503, AI440027, AI275080, AI299248, AI276688, AI750085, AA088417, AA304654, AI262552, AI688181, AI282807, AW294666, AI335810, AI748980, AI335786, AA088540, AA420995, AI355863, AA102237, AA070673, AA595597, AI750051, AI749025, AI811127, AI086655, AI278320, AA443973, AI080248, AI367574, AA421075, AA052939, AI418137, AA902863, AI265947, AA931116, AA430411, AA251968, AI355088, AI290353, AW305028, AI005354, AI367787, AA913300, AA053492, AW008828, AI355089, AI890124, AA564009,</p>

1501	HSYA164	876494	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2017 of SEQ ID NO:1501, b is an integer of</p>	<p>AI359453, AI282383, W45582, W52209, AA102236, T67787, AI368584, AI382940, AA846519, AI095153, AA578680, AA838282, AA879315, AA305607, AA430359, AI095598, AI708067, AI383117, T67711, AI720469, AA879062, AA186928, AA494466, AI832504, H79930, AA417983, W45545, AA469124, AA526593, AI719480, AI832612, AA420865, AI041840, AA305069, AI244411, AW088865, AI264706, AA242885, N35628, AA858264, H62987, AI460162, AA865264, AA418153, AI435908, AA353482, AA740793, AI310701, AI143647, AA320588, AI541426, AI581554, AA420466, AI472533, AA188357, AI888688, AA373467, AA630328, T61575, AA330716, AI460166, AI381692, R44192, AA444156, H62866, H96297, AI131189, T29504, AA193634, AI217206, AA102029, AA136055, AW028629, AA853950, AA294960, AA330845, AI582088, W79666, AA377021, W74128, AA370626, AA876408, AI000545, AI749041, R02407, AA102028, AA126713, R23407, U46351, AA193598, AI581181, AW082579, T61023, H96296, W24691, AI431603, T82007, AI123178, R02308, AA216169, AA469193, N26519, AA576977, AI858582, N93058, AI361535, H79833, R63786, H57907, AB006780, M36682, M35368, M57710, AR036975, S59012, L23429, X78879, U06470, X16834, J02962, J03723, X16074, AR036976, L08649, AF031422, AF031425, M33215, AF031424, AF031423, AL133655, AL121593, U89295, A59344, M27260, AL122093, AL117599, AL133015, AA773574, AI870173, AI090858, AA599163, AA205487, AL134981, AA308686, AW247784, AW377280, AA581816, AI435156, AA599212, AA164748, AI499069, AW148604, AA181056, AI828823, AA160573, AA894927, AA446427, AA308175, AA314621, AA812415, AW377338, AA307680, AW377313, AA315193, AA514946,</p>
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		<p>15 to 2031, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1501, and where b is greater than or equal to a + 14.</p>	AA948141, AA652118, AI090292, AA433521, AI342258, AI240388, AA205318, AA243054, AA768432, AI082283, AA024693, AA456625, AI911813, AI363735, AA446119, AA652124, AA424926, AI263712, AA024647, AA205575, AI004571, AA630601, AA307175, AA164747, AI042562, AI934643, AI341665, AA313490, N75485, AA207213, W91894, AA426166, AA307366, AI433060, AA307046, AA195483, AA252561, AA527990, AA989506, AA223574, AI270387, AA243053, AA455806, AA307677, AW403863, AA315014, AA159366, AA157555, AA158206, AI568188, AI028221, AI445024, AA927196, AA307925, AA649534, T28878, AI085919, AW392054, AA776680, AI672839, AA312108, AA376260, AW392206, AA654257, AI865398, AA347324, AA626750, AA219493, AI630717, AA307419, AA662020, AI510831, AA442877, AA350306, AA362375, AI935046, AA152328, AI305172, W05296, AI278536, AI308922, AA053461, AA053213, AA135056, AA186979, AW173202, AW377352, AA206750, AA608732, AI025236, AI719108, AA325720, AI922470, AA223615, AA152329, AA626448, AA649822, AA300684, AA362586, AA626522, AW377293, AA315660, R14052, AA333552, R37150, R15974, AI569355, AA190772, AA362376, AA593069, AA921347, AA316929, AA180011, AA134971, W95113, AA978212, AI932667, AA040890, AA830424, AW383641, AI632334, AA947203, AA326527, AA629781, AW383640, AA954366, R05778, C21408, R05864, AW392327, AA191382, AA322735, H55311, AW383658, R15975, AW410508, AA995270, AA160528, AA219455, AI703040, AW104153, M27396, M15798, M27838, X52130, U07201, U07202, U38940, AC005326, L35946, M27054, L35936, L35937, L35938, L35945, L35940, L35941, L35942, L35939,
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1502	HETIF19	876495	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1449 of SEQ ID NO:1502, b is an integer of 15 to 1463, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1502, and where b is greater than or equal to a + 14.</p>	<p>L35943, L35944, L35935, T66600, T66601 AA926696, H16874, AW376009, AA3113468, R23401, N35321, R13283, AW152493, AI027550, T11328, AR036119, X92689, U70538</p>
1503	HLVEA23	876496	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 556 of SEQ ID NO:1503, b is an integer of 15 to 570, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1503, and where b is greater than or equal to a + 14.</p>	<p>AW161801, N56973, N73756, AA479038, D44982, N81193, W65438, H25021, N22293, N47355, AA973373, AA477521, AA595499, AA838190, AW172858, AI887235, AL134275, T59612, AW169038, AA847980, AI002744, H02058, AI590442, AB014528, AC005062, AL135783, AL117258, AL133163, AL137100, AC004859, AL035410, AC004067, AC002349, AC005725, AF205588, AC008033, AC004887, AL049589, AC002412, AF130249, AC005261, AC007488, AL033533, AC005722, AC007011, AC006547, AC006080, Z98304, Z84469, AC005664, AF031078, AF030876, AF031076, Z95152, AC004019, AC005280, Z69907, AC006213, AC007238, AL049569, Z93016, AP000344, AL031597, AC004605, Z82203</p>
1504	HAPQU61	876498	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 484 of SEQ ID NO:1504, b is an integer of 15 to 498, where both a and b</p>	<p>AI949815, AI813450, AI19294, AI269353, AA421819, AI089074, AA834705, AA847960, AI559836, D31784</p>

1505	HE8OT93	876499	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1504, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2047 of SEQ ID NO:1505, b is an integer of 15 to 2061, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1505, and where b is greater than or equal to a + 14.</p>	AA486504, AA133234, AI339710, AA743093, AI688621, AI096844, AA129712, AI860744, AI420708, AI278953, AI278568, AW006666, AI571986, N68247, AI358873, AA314945, AA341071, AI346152, AI219397, AA488692, AA148150, AI362046, AW050985, AI090396, R60368, AA626449, AW272569, AA308535, AI471517, AW135592, AW205875, R60312, AI590397, AI078709, N39886, AA557504, AA970783, AI419556, AA338145, AA534362, AA351801, N26928, AA143763, AA557513, H87951, N57132, AW051845, AW394065, H95626, AA309736, AW204673, AI457186, AA376417, AA570135, AI805191, AA376416, AA310109, N68052, H95981, AI049818, Z21567, AA079141, AW389275, AL049742, D86997, D88269.
1506	H2LAB08	876503	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2382 of SEQ ID NO:1506, b is an integer of 15 to 2396, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1506, and where b is greater than or equal to a + 14.</p>	AI911983, AI927427, AI889004, AI693602, AL045565, AI767631, AI150323, AA576743, AI201732, AA811424, AA436321, AI890062, AA812674, AI348111, AA776471, AA904047, AI909133, AA262396, AI909125, AA827237, AW084600, AI890814, AA778086, AI708713, AA436197, AI580236, AA313219, AI926738, AA550977, AI819536, AA688044, AA252436, AA307642, AI569986, AI174417, AA251902, D19596, AI687789, AW029076, AA305817, H93729, AI000199, AA232315, AI346715, AW275185, AI273086, AA689252, H02731, H04075, H88463, AI678322, AA541528, AI474632, AA651878, AA307939, AA378903, AI934157, AA243609, AI267661, AA525290, AI824311, R37260, R59445, AA378902, D61809, AA361618, R12332, AI341322, R23315, R70591, R59386, AA336382, AA831575, R75944,

1507	HISBB72	876504	<p>Preferably excluded from the present invention are one or more</p>	<p>H00410, AA354320, AA602417, AI567956, D79295, N87729, H03382, H01205, R31246, H00817, R39541, R92975, AL045564, D58065, AA730991, C16596, C16509, AA580841, AA383636, AA296630, D62972, D82320, AW073685, AI364834, AA598715, AI355779, AI289791, AI539800, AI500714, AI355008, AI866469, AI434242, AI539771, AI889189, AI815232, AI537677, AI371243, AI582932, AI582912, AI927233, AI433157, AI612913, AI491710, AI366900, AI804505, AI610362, AI434223, AL039390, AI440239, AI863197, AI924051, AI366910, AI539847, AI521596, AW074057, AI932620, AL040207, AI590043, AL042944, AI567935, AI539260, AI866465, AI801325, AI500523, AI538850, AI887775, AI537187, AI923989, AI284517, AI872423, AI500706, AI445237, AI491776, AW151138, AI521560, AI500662, AI284509, AW172723, AI440263, AI538885, AI889168, AI866573, AI633493, AI434256, AI805769, AI888661, AI284513, AI888118, AI285439, AI859991, AI436429, AI889147, AI623736, AI581033, AI371228, AI440252, AI431307, AI440238, AI567971, AI866786, AI860003, AI610557, AI431316, AI242736, AI828574, AI887499, AI537273, AI539781, AI539707, AI702065, AI885949, AI285419, AW089557, AI559957, AI521571, AI469775, AI866581, AI567953, AI815150, AI446495, AI867068, AI225248, AI610426, AI567940, AI282264, AI926593, AF035293, AF081281, AF052112, AF077198, AF077199, D63885, AC004062, U97146, AR028701, U97147, U97148, U89352, AC004548, AL133074, Y17793, AL133076</p>
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1508	HCHBN47	876507	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1139 of SEQ ID NO:1507, b is an integer of 15 to 1153, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1507, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 638 of SEQ ID NO:1508, b is an integer of 15 to 652, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1508, and where b is greater than or equal to a + 14.</p>	<p>AI288864, AA9333871, AW379374, R55964, AA741334, AI422503, AI884993, AI422504, R55965, AA515979, U41901, AR030574, AR030579, AR030578, AR030581, AR030575, AR030577, AR030580, AR030582, AR030589, Z94719, Z94720, Y08171, Z94718, AR030590, AR030583, AR030587, AR030584, AR030585, AR030588, AR030586, AR030591, AR030592</p>
1509	HFADJ29	876511	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1216 of SEQ ID NO:1509, b is an integer of 15 to 1230, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1509, and where b is greater than or equal to a + 14.</p>	<p>AI114564, AI064937, AI207577, AW024388, AI167328, AI357366, AI826158, AI656065, AA890501, AA314294, N72119, AI368841, N25212, AI796295, AI215697, N48787, AI066435, AA171687, AA043292, AI270341, AI191607, AI632032, AI873864, AA508855, AI828826, AA996333, AI192143, AI298715, AI872218, AI687959, AI753230, AI926791, AI436234, R74567, AA828059, AA640994, AI801845, AA644673, AA492531, AI219265, AA043291, R76364, AI695300, H03697, AI628314, AI302487, AA147569, R62982, AA312605, H00964, AA305334, AA156441, AA370497, AA333089, R97205, AA657712, R63037, R76689, AA769559, AA761876, AA167149, H64689, H65183, H00965,</p>

1510	HWLQP42	876513	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 999 of SEQ ID NO:1510, b is an integer of 15 to 1013, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1510, and where b is greater than or equal to a + 14.</p>	<p>C03639, AA361522, AA370109, AW131681, T48460, AA807111, W38740, AA548193, AA350472, AA350471, T39360, AA171802, N45578, AA330808, AW379530</p> <p>AA196276, AA524473, AL040260, AA533568, AA600703, AA773551, AA292150, AA004500, AI928071, AI612760, AA411191, AW264086, AW206769, AA496356, AA434061, W42808, AA232555, AA292045, AI085934, AA182481, AA292071, AI087140, AA004501, AA496406, AA434125, AW317087, AI752948, AA443125, AA456190, AA400594, AA292028, AI682335, R73572, AA766115, AA292042, H61296, H61291, AL043495, AA044201, R11520, AA705241, AA652055, AA043939, AI536587, R97731, AI352191, AI630315, AA350112, D31167, AA031359, T85323, AA429498, H15771, R44134, AI351143, AW138388, AA661960, AI215409, AA411071, AW243696, R72952, AW068860, AI567210, AI393957, AI970891, AI273925, AA321611, AA401967, AI224608, AI084609, AI279699, AA031603, AI915877, AA400679, AI092030, AA031637, AI630462, AA429499, AA031476, AA301177, H15770, AW381505, AA182758, AW381475, R10445, AW381498, AI992085, AA312507</p> <p>AA305114, AL022398</p>
1511	HDPAG07	876518	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 442 of SEQ ID NO:1511, b is an integer of 15 to 456, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1511, and where b is greater than or equal to a + 14.</p>	
1512	HLTAR39	876524	<p>Preferably excluded from the</p>	<p>AI133655, T96748, AW369762, AA350015, AA360756,</p>

1513	HWLRF38	876526	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2153 of SEQ ID NO:1512, b is an integer of 15 to 2167, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1512, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 818 of SEQ ID NO:1513, b is an integer of 15 to 832, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1513, and where b is greater than or equal to a + 14.</p>	<p>AW386072, AI625829, AA534216, AW243183, AW367779, AI697340, AI754731, AW367807, AC004707, AC004675, AF088219, AC006026</p> <p>AW183028, N28485, AI306451, AI536589, AW072566, N24976, H82376, AI814709, AI376566, AI352453, AI590303, AI280262, AI761747, AA554283, AI222990, AA644328, AA661978, AA587549, AA045302, AW274520, AW043629, AA630727, AW273650, AI368900, AI381943, AI290422, AI167243, AA932296, AA977315, AW337456, AA029935, AA779545, Z17865, AI493253, AI624318, AA908755, AI168437, AA757538, AA977243, AI740891, AA524068, AA628420, AI123070, AI692442, AI868044, AA687907, AI370323, T31450, AI867272, N46853, N67292, AW276010, N69329, AI768256, AI022628, R83171, AW073539, AA180796, AI761569, AA045408, AW134931, AW085513, AW059629, D11973, AL133563, AJ006412, AB018284, AJ006776</p>
1514	HCRNM09	876530	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1350 of SEQ ID NO:1514, b is an integer of 15 to 1364, where both a and b correspond to the positions of</p>	<p>AW362945, AI916280, AA632418, AW451840, AA579245, R85405, AW366782</p>

1515	HOB AE30	876533	<p>nucleotide residues shown in SEQ ID NO:1514, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1479 of SEQ ID NO:1515, b is an integer of 15 to 1493, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1515, and where b is greater than or equal to a + 14.</p>	AA947739, AI400455, AI079804, AW270919, AI435830, AI452944, AA747433, AI570117, AW207124, AI580309, N95645, AI309204, AI338445, AI272895, AI499408, AW079078, AI797006, AI917984, N98806, AA282725, H01411, H00875, AI565322, AI240334, H01410, R74104, AA831514, R61345, AW150637, AA301342, N69359, R74103, AI672118, H00874, H78279, AA514041, T49557, H79404, AI739220, R31153, AI864092, AA344229, AA693339, T49556, R31104, AA085178, N83511, AI373773, AI349772, AW104724, AL119748, AW071349, AL121365, AI633419, AI537677, AI475371, AL119049, AI536638, AL040243, AW198090, AW087445, AL121270, AL045500, AI433976, AI871697, AI433157, AI536685, AI609331, AI612913, AI568855, AI269205, AI682743, AI682106, AI866457, AL121328, AI815855, AI538716, AL036802, AI580927, AI440239, AI436456, AI590415, AL047763, AI499463, AI207510, AI275175, AI064830, AL045903, AI687728, AI802542, AI500523, AI815383, AI621209, AL119791, AI539771, AI500659, AI524671, AI863014, AW117882, AI684265, AI620284, AI469532, AI906328, AL036146, AI580190, AW071417, AI818683, AI284484, AW274192, AL036396, AI521012, AI702406, AA470491, AW301409, AL036361, AW080838, AW169671, AI920968, AI637584, AI439717, AI349256, AI499393, AI491852, AI934035, AI907070, AL043981, AI648684, AW074993, AL036274, AI149592, AI539153, AI564719, AI439745, AI872711, AI568870, AI613017, AL135661, AL047042, AI690835,
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1516	HATCV09	876534	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2095 of SEQ ID NO:1516, b is an integer of 15 to 2109, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1516, and where b is greater</p>	<p>AF090943, AL137459, AF113013, AL110196, AF118064, AF113676, AJ242859, AL050277, X84990, AF125949, AF090896, A93016, AL110221, AL080060, E03348, A08913, AF017152, AL050108, A08916, AF113689, Y16645, AL049452, AR059958, AL096744, AL022147, AL133557, AL137557, AL050116, AL137527, AL133565, AL049314, AL122123, AL133080, AL049466, AB019565, AL080137, E07361, AF158248, AL133093, AF111851, I48978, AL122121, AC007390, AF177401, AJ000937, AF125948, AF113699, AF091512, Y11254, AL117435, AF091084, AL137283, AC002464, AC004883, U62317, X63574, AL035587, AC004686, U91329, AF146568, AR011880, AL137550, X82434, AF097996, AF079765, AC007298, AL133560, AL110280, AL117394, AL049430, AL110225, AJ012755, AC004383, A65341, AL078602, Z98036, I49625, AC005291, AC006115, AL133113, I66342, AF042090, AC006501, U95739, AL049382, AJ238278, E07108, AC007458, AC002538, AC004200, AL137294, E02349, AL117585, A77033, A77035, AL049300, AC006371, AC005829, Z82206, AL137271, AL117583, U00763, A58524, A58523, AL133014, AC004987, A08910, I33392, AL122098, AL049464, A08912, AC002467, AF183393, A12297, X70685, AL031732, AC010077, AL122110</p> <p>AI650305, AI949332, AI206515, AI188549, AW169558, AA857218, AI433853, AW204540, R68303, R42247, AA994295, AI580329, AI624558, AA602338, R44174, Z40075, AI015727, N34408, R74002, R68268, R53421, R54010, Z38312, R44219, R49558, AA090402, F01959, AA090979, U72788, AI304833</p>
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1517	HCRNE16	876535	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 576 of SEQ ID NO:1517, b is an integer of 15 to 590, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1517, and where b is greater than or equal to $a + 14$.</p>	<p>AI274758, C06072, AI589250, AI470584, AA227219, AW021868, AA747122, T27280, AC007501, U80736</p>
1518	HCRPV63	876536	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 411 of SEQ ID NO:1518, b is an integer of 15 to 425, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1518, and where b is greater than or equal to $a + 14$.</p>	<p>AI143683, AI924826, AA086365, AI792153, Z79581, Z79582, S81107</p>
1519	HSKKP02	876538	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1172 of SEQ ID NO:1519, b is an integer of 15 to 1186, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1519, and where b is greater</p>	<p>AA916748, R83779, AA331626, AA400220</p>

1520	HOVAN13	876540	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 446 of SEQ ID NO:1520, b is an integer of 15 to 460, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1520, and where b is greater than or equal to $a + 14$.</p>		
1521	HWBEX78	876543	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1658 of SEQ ID NO:1521, b is an integer of 15 to 1672, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1521, and where b is greater than or equal to $a + 14$.</p>	<p>W20138, AA2229752, AI380196, N44538, AA026809, R41836, N71112, N33777, W05473, AA026870, W15415, AA888089, W39614, R68936, AI143439, H05574, AA2229960, H00351, R63287, T54159, C05110, AI867490, H00306, W91983, T53767, R63233, AA768472, T54164, R71658, R71163, N91009, T53773, R68825, AL137657, AL109669</p>	
1522	HRODGT7	876544	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 574 of SEQ ID NO:1522, b is an integer of 15 to 588, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1522, and where b is greater</p>	<p>AI797095, AA902901, N47240, AI252632, AI718169, AW079806, H09548, AI203811, AA459245, D25745, C21350, R63205, AC006065, AC002368, AF025422</p>	

1523	HCRK30	876545	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 506 of SEQ ID NO:1523, b is an integer of 15 to 520, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1523, and where b is greater than or equal to $a + 14$.</p>	AA278251, AA682308, AI540716, AI184153
1524	HDABK73	876546	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2777 of SEQ ID NO:1524, b is an integer of 15 to 2791, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1524, and where b is greater than or equal to $a + 14$.</p>	AI744148, AI744113, AI860811, AI889014, AI765413, AW237314, AI765401, AL042645, AI867571, AW293518, AA534578, AI432178, AW169762, AA506984, AA420605, AI142237, AA406169, AW188054, AI147954, AA430324, AL040186, AI197943, AI589634, AA569041, AI015938, AA433904, AA070872, AI188829, AI124780, AA421239, AI149224, AA420647, AI916160, W73655, AI076564, AI768356, R51293, AI638215, AI125307, W51790, AA172002, AA425349, AA565222, AA313542, AA825728, R35270, AW204507, AA100809, W28763, AI222042, AI479185, W26572, W45413, W73608, R52192, AI160529, AW440819, AI422286, AI298011, AA171761, AA421279, R51403, H62930, R52097, R59309, AA581790, W81419, AI768849, W40121, AI708313, AA373236, AW368276, AA434583, Z42217, W81420, AI962360, AA325784, R59310, AI271621, T25845, T06069, F05246, AA806028, Z38264, AA071023, AA815452, N54389, AA810542, AA383377, AI370602, R50941, T87272, T87186, F01748, AA947741, AA773493, AA890049, AI985779, AA984284, AW272799, AL043147, AB007891 AI471995, AW393929, AA044743, AI741975,
1525	HOGCO78	876548	Preferably excluded from the	

		<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 673 of SEQ ID NO:1525, b is an integer of 15 to 687, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1525, and where b is greater than or equal to a + 14.</p>	AA044797, AI720824, AI992258, AI480029, AI803250, AI095557, AI245572, AA662934, AA876346, AW327457, AW393932, AW157188, AI669783, AI286104, AA025525, AI090194, AI128230, AI095934, AI189306, AI950299, AI467898, AA028934, AI742307, AA194396, AI809949, AI160162, AI122798, AI034059, AI244940, T55337, H22613, AI431317, AA746600, AI150927, R19215, AI431319, R96173, AW043889, AA876265, AA844331, AW129224, AA860575, AA487470, AI432084, U56554, AW157607, AA669015, AI825990, AA335548, AA731264, AA932576, AA768549, AI270663, AI497894, AI221399, R13183, T39355, AA564849, AI866853, AW272239, AW150208, AI572774, AA668506, AI872423, AI866127, AI568138, AA641818, AI923370, AW118518, AL038665, AW264727, AI582932, AW078818, AI866469, AI687168, AL037582, AL037602, AI241923, AI613038, AI473536, AI866465, AI59872, AI955117, AW020095, AW078606, AI288285, AW090451, AL046942, AW079409, AI635016, AL079963, AI827058, AI590043, AI866780, AI687166, AI620302, AI611738, AI446721, AI961589, AL041772, AI500061, AI457589, AI559752, AW166870, AI125884, AI687127, AI802542, AI452707, AI932503, AL039132, AI581362, AI624293, AI434656, AI587279, AI561228, AW051226, AI348870, AA983883, AL135024, AI289542, AI554821, AI453339, AL138420, AW149925, AW150557, AI915291, AL039086, AW163834, AI654276, AW026882, AI433157, AW083572, AI702073, AA225339, AI860897, AI418681, AL036638, AI923989, AI800341, AW131294, AI539800, AI621341, AI633125, AI698391, AI538564, AL040827, AL046466, AW152182, AI270429,
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	AI355779, AI695726, AI638644, AI628325, AI819014, AI818980, AW079075, AI357644, AW262552, AI927256, AW128834, AL046595, AI636588, AI651840, AW054964, AL119399, AW264895, AI884318, AI889189, AL120995, AL048323, AI912434, AI474146, AL048340, AI612913, AI469270, AW024793, AI818353, AW105459, AI866770, AI445303, AI309306, AI475806, AI267185, AI583558, AI932794, AW410259, AI686576, AI335214, AW148294, AW198090, AI270706, AA502794, AL039716, AI891084, AI520702, AI691088, AI569975, AI434731, AI538817, AI571439, AI279925, AI281757, AI270295, AI819545, AI701975, AL036673, AI670002, AI335426, AI348777, AW051088, AI819976, AI927233, AI912438, AI491842, T69241, AI963846, AI873638, AI565172, AW148544, AI270183, AI699823, AW263355, AI612750, AI540674, AI817523, AW087915, AL041573, AL043152, AI433611, AL080011, AL119457, AI670009, AI285735, AI824576, AI921254, AI538885, W74529, AW020397, AL046618, AI926367, AL135047, AI929108, AI446373, AI500714, AW196078, AI673363, I33392, AL137480, I03321, A77033, A77035, I89947, AL122050, I48978, AL133640, AF008439, AF111849, AF047716, AF090900, X63162, AF106657, AR013797, AF102578, AL137530, AL096744, A08910, A08909, AL096751, AJ005690, A08908, AF090903, AR038854, X82434, S36676, AL137557, AL137476, AF183393, AL080154, AL117457, A08913, Z97214, A65340, AF107847, I17544, A08912, E06743, AF111112, I48979, I33391, AL117416, AL117460, A08916, S76508, AF131773, AF026816, AF215669, AL133075, U78525, AL122093, AL133113, AL050092, AR034821, AF061573, U58996, A58524, A58523, AF090934,

	AF113677, Y14314, AL050155, AL117435, S78214, A86558, AL049938, AL049466, AL137550, AL133014, AF090896, D83032, E05822, X84990, AF017437, Y16645, A18777, AL050172, AL137711, AL137292, Y11587, AF113019, X79812, A08907, I89931, AF141289, U68233, I92592, AJ003118, AF185576, AL110280, U77594, I49625, A65341, AL050024, AJ000937, AF087943, A76335, Z82022, AL080234, AL122100, AL137558, I32738, AF030513, E01614, E13364, A03736, L04504, U88966, AL049464, U42766, AF028823, AF113699, Y09972, AF124728, AL023657, AL133665, AL080148, AL137521, AL137463, AL122110, I89934, AR020905, AL137429, S78453, AL133645, AF115392, Z13966, AL117585, A93350, S69510, AL137533, AF177401, AL117440, AL050138, AL133010, AF182215, X83508, AF100931, E02349, AF061981, AL137479, U72620, A15345, AL137539, AF097996, AF067728, AL137478, AL080159, AR029490, AL133557, E01314, Z37987, AF125948, I66342, AJ010277, AF090901, AL110222, AR011880, AF118094, AF090943, AR068753, AL110296, AL137459, AL049452, AL137529, AL133016, A23630, AF081197, AF081195, AL117648, X06146, X56039, X62580, AL137560, AL137271, AL133081, L31396, S77771, AL137537, L19437, AL049314, A49139, AF061795, AF151685, S83440, AF044323, AL050393, AF106862, AF169154, A08911, U67958, Y10936, AL049430, X80340, AF118092, AF192557, AF176651, AF106697, AF017152, I09499, I80064, AL137488, AL133619, AL133072, U35846, AF032666, AJ012755, Y10080, X63410, I89944, Y10655, AL050277, AL133637, AL117587, AF153205, AF158248, U80742, AF139986, U75932, A21103, L04849, AF113694, AF091084, AF113690, AF145233, AF118070, E04233, AL080110, U49434, AF026124, U96683, AL110221, AL117578, U87620, A58545,

1526	HCRNG10	876549	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 694 of SEQ ID NO:1526, b is an integer of 15 to 708, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1526, and where b is greater than or equal to a + 14.</p>	<p>D16301, AL137658, U72621, AL080126, AF104032, AL110218, I68732, E12747, AL133560, X81464, AF013214, AF078844, AL080060</p> <p>AA737831, AA651628, AI239587, AA912347</p>
1527	HWLRR08	876551	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 604 of SEQ ID NO:1527, b is an integer of 15 to 618, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1527, and where b is greater than or equal to a + 14.</p>	<p>AI040700</p>
1528	HTEFP55	876553	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1089 of SEQ ID NO:1528, b is an integer of 15 to 1103, where both a and b correspond to the positions of</p>	<p>AI950957, AA454500, AW301277, AW409745, W19086, AW388466, AW388282, AA129369, AA159858, AW450017, AW418819, H56484, AA437031, AW082355, AW204742, U28413</p>

1529	HDLAR46	876557	<p>nucleotide residues shown in SEQ ID NO:1528, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 206 of SEQ ID NO:1529, b is an integer of 15 to 220, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1529, and where b is greater than or equal to a + 14.</p>	AL110374	
1530	H2CBW66	876558	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 424 of SEQ ID NO:1530, b is an integer of 15 to 438, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1530, and where b is greater than or equal to a + 14.</p>	AI207993, AI797860, AW137483, AA934986, AA621885, AA569967, AA315265, AA782950	
1531	HOGDS65	876559	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2048 of SEQ ID NO:1531, b is an integer of 15 to 2062, where both a and b correspond to the positions of</p>	<p>AW276060, AW117930, AW271245, AA490688, AI598114, AA315280, AI018136, AW264544, AW378323, AW384544, AW384563, AW378307, AW383155, AW384497, AW086214, AA961504, AA257102, AW192483, AW020066, AA613715, AA461400, AI917637, AW192488, AW021810, AA315269, AA677120, AI783695, AA554460, AI589498, AW378298, AW384566, AW007451, AA461087, AI816732, AW264471, AW368463,</p>	

1532	H2CBX36	876560	<p>nucleotide residues shown in SEQ ID NO:1531, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1144 of SEQ ID NO:1532, b is an integer of 15 to 1158, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1532, and where b is greater than or equal to a + 14.</p>	<p>AW368530, AI341438, AW378317, AI290266, AW368521, AI280695, AW384490, AI418400, AI970613, AI160977, AW023591, AA947181, AW243772, AI040737, AA055400, AW316636, AA962716, N71882, AI376268, AW384491, AI076554, AI952506, AA257017, AA490466, H88912, N69323, AI912481, AA055599, N67469, M86849, I74304, X51615, M81445, M63803, U43932, AF144321</p> <p>AA587891, AA748293, AA313745, AW449668, U84007, U84009, U84010, U84008, U84011, L10605, M85168, AB035424, AB035422, AB035425, AB035423, AB035421</p>
1533	HSHAX43	876572	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 562 of SEQ ID NO:1533, b is an integer of 15 to 576, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1533, and where b is greater than or equal to a + 14.</p>	<p>H66220, AA809449</p>
1534	HCRQ157	876575	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AI361150, AI939490, AW089648, AF002993</p>

1535	HCVBL73	876576	<p>the general formula of a-b, where a is any integer between 1 to 887 of SEQ ID NO:1534, b is an integer of 15 to 901, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1534, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1138 of SEQ ID NO:1535, b is an integer of 15 to 1152, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1535, and where b is greater than or equal to a + 14.</p>	<p>AI744557, AA831793, AI813443, AA480937, AI110686, AA305609, AA521155, AW025562, AI640749, H96495, AA281170, AA987634, AA836072, AA279428, AI671472, AI077333, AI538508, AA480878, H24707, AA554436, AA280869, AI290360, AA968618, AW104195, AI762018, AI863656, AI910555, H24708, AA329735, D80195, D81026, C14389, D80166, D81030, D80522, D80133, D80045, D80164, D59502, D80212, D80193, D80251, D80269, D80248, D59467, D59275, D80022, D80227, C15076, D59619, D80210, D80240, D51060, D51423, D50979, D58283, D80366, D59859, D80391, C14331, D59787, D51799, D80253, D80038, D80043, D80219, AA305578, D80302, AW377671, D80196, D80024, D80188, D51022, D50995, AA305409, AA514188, D59927, D57483, D59610, D80378, D59889, C06015, C14014, D80268, AW360811, D80241, C14429, AW177440, AA514186, D80439, AW178893, D80247, D59373, D59627, AW375405, T03269, D80157, AW179328, AW360834, AW366296, C75259, AW360844, AW360817, AW375406, D51103, AW378534, AW179332, AW377672, AW179023, AW178905, AW378532, AW178906, AW177501, AW177511, C05695, T11417, D51759, AW377676, AW352171, AW178762, AW352170, AW177731, D59653, AW178907, AW378528, AW179019, AW179024, D80132, AW176467, D51250, AW360841, AW178775, AW177505, AW367967, D80134, AW179020, AW178909, AW177456, D58253, AW179329, AW178980,</p>
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			AW352158, AW178914, AW177733, AW178908, AW178754, AW179018, AW369651, AW352117, T48593, AW179004, D45260, AW179012, AW178774, AW378525, AW352163, AW352120, H67866, F13647, AI525923, D80064, D81111, T03116, AA809122, C03092, C14227, H67854, AW179011, AW179009, C14077, AW178911, AW378543, AW177722, AI910186, AW177728, D80258, AI905856, D59503, AW367950, AW378540, D58246, D80014, D58101, D59317, D59551, AW178781, C13958, AI535686, C14344, AI557774, C14407, AI525917, D45273, C14973, D59474, AA514184, AI525227, AW378533, D51221, D60214, AW178986, AI525920, D60010, AI525925, AI525215, C14957, C14046, AI525242, AW177734, AI525235, C14298, T03048, AI525912, AI525237, AW378539, D80168, AI557751, AA285331, D51066, D51097, C16955, T02868, U13896, U13897, U93309, U14950, U51639, A84916, AJ132110, AB028859, A62300, A62298, AR018138, AR008278, AF058696, A82595, AR060385, AB002449, A94995, X67155, Y12724, Y17188, D26022, A25909, A67220, D89785, A78862, D34614, I50132, AR008443, I50126, I50128, I50133, D88547, I14842, AR066488, AR016514, X82626, AR060138, A45456, A26615, AR052274, I82448, AR016808, Y09669, A43192, A43190, AR038669, AR054175, AR066487, AR025207, A30438, Y17187, A63261, D50010, AR008277, AR008281, AR066490, AR062872, A70867, AR016691, AR016690, U46128, I18367, AR008408, I79511, A64136, A68321, X68127, AB012117, D13509, AR060133, X72378, A85396, D88507, AR066482, AF123263, A44171, AR032065, A85477, I19525, A86792, X93549
			Preferably excluded from the present invention are one or more polynucleotides comprising a
1536	HHEGC16	876579	

1537	H2CBG53	876580	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1518 of SEQ ID NO:1536, b is an integer of 15 to 1532, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1536, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 468 of SEQ ID NO:1537, b is an integer of 15 to 482, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1537, and where b is greater than or equal to a + 14.</p>	<p>AW372745, AA121349, AI097133, AI310351, AI222028, AW073286, AI160271, AA121301, AW170797, AW388634, H69344, AA278853, AW372735, H47623, AA742972, AA854447, N31288, AW372730, AI572193, AA173309, AW188877, H69345, AW363751, AW372731, AW372736, H47925, AI476011, AW372742, AA278420, AW372739, AW372744, H38254, N22901, AA278794, AA769896, AW372740, AW372786, AW372738, AL040673, AF132937</p> <p>AA307226, AB020236, AF045449</p>
1538	HCYBF23	876581	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 709 of SEQ ID NO:1538, b is an integer of 15 to 723, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1538, and where b is greater than or equal to a + 14.</p>	<p>AA919119, AI949966, AA687405, AA588150, AA721257, AW028336, AA305220, AI522235, AA827201, AW298461, AI220695, AI984660, AI219204, AI026116, M84722, M84721, D12775, D85596, U90888, M84720, D31636, U29910, D88988, D31634, U29907, D31637, U29911, D88989</p>
1539	HODCO80	876583	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AW076027, R24903, R32458</p>

1540	HCYBG67	876588	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 923 of SEQ ID NO:1539, b is an integer of 15 to 937, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1539, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 357 of SEQ ID NO:1540, b is an integer of 15 to 371, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1540, and where b is greater than or equal to a + 14.</p>	AA305259, L37080, Z47553	
1541	HCYBI10	876589	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 892 of SEQ ID NO:1541, b is an integer of 15 to 906, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1541, and where b is greater than or equal to a + 14.</p>	AA446378, AA305361, AA502360, AI912345, AA903395, AW377671, D80522, D81026, D80133, AW177440, AW360811, AW375405, AI262837, D80248, AW178893, T03269, C14389, AW179328, AW177501, AW177511, AW352117, D80251, D80269, AW366296, D80366, D58283, D59859, D80022, C14331, D80166, D80195, D80193, D59927, D59467, D51423, D59619, D80210, D51799, D80391, D80164, D59275, D80240, D80253, D80043, D59787, D80227, D59502, AW378532, AW360844, D81030, AW360817, D80212, AW375406, D80196, D80188, AW378534, D80219, AW179332, AW377672, AW179023, AW178905, AA305578, C15076, D80038, D59610, D57483, AA305409, C14429, D51022, D50979, D50995, D59889, AW178762, D80024, D80045, AI905856,	

1542	H2CBE01	876591	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 965 of SEQ ID NO:1542, b is an integer of 15 to 979, where both a and b correspond to the positions of</p>	<p>D51060, AW176467, D80378, AW352171, AW377676, AW352170, AW177731, AW178907, AW178775, AW179019, AW179024, AA514188, C14014, D80241, AW178906, AW352158, AW177505, AW179020, AW178909, AW177456, AA514186, AW179329, AW178980, AW177733, AW378528, AW178908, AW178754, AW179018, D80132, AW178983, AW179004, D80268, C75259, AW360834, D80302, AW178914, AW178911, AW367967, D80134, D80439, C05695, AW178774, D80247, C06015, T48593, D51097, D51103, D58253, AW177723, AW352174, D80157, AW367950, AW378533, AW178986, D45260, D80314, AI535850, AI525913, AI525923, AF078165, AF205888, AF205889, A98521, X82626, A78862, A84916, A67220, D89785, A62300, A62298, Y17188, D34614, D26022, D88547, AJ132110, AR018138, X67155, AF058696, A25909, Y12724, AR008278, AB028859, AR025207, A94995, AR008443, I50126, I50132, I50128, I50133, AR066488, A82595, AB012117, AR016514, D50010, AR060138, A45456, I18367, A26615, AR052274, Y09669, AR060385, AB002449, AR066487, AR038669, A43192, A43190, A30438, A85396, D88507, AR066482, A44171, AR066490, A85477, I19525, A86792, D13509, AR008408, X93549, Y17187, AR060133, A63261, A70867, AR062872, U79457, AR016691, AR016690, U46128, AR008382</p> <p>AA307067, AA827296, AA307068, AA972507, AA074169, AL134865, AA096156, AA247393, AA091519, I81218, U30872, U19769, I35495, AF194970</p>
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1543	HCYBI92	876592	nucleotide residues shown in SEQ ID NO:1542, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 287 of SEQ ID NO:1543, b is an integer of 15 to 301, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1543, and where b is greater than or equal to a + 14.	R24666, AA305450, M63635, M64590, D90239
1544	HWMCC2 8	876595	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 638 of SEQ ID NO:1544, b is an integer of 15 to 652, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1544, and where b is greater than or equal to a + 14.	AI690065, AI480300, AA927896, AI288678, AI343570, AI343569, AI678924, AW339479, AA836387, AA836420, AC006011
1545	HWMAN6 1	876596	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2222 of SEQ ID NO:1545, b is an integer of 15 to 2236, where both a and b correspond to the positions of	AA583339, AI587061, AW192901, AA307800, AA315469, AA568218, AI150400, AA583146, AW374998, AI955582, AW374874, AI832775, AA345780, AA295520, AW360893, AA294858, AI445680, AW360892, AW360931, AA295782, AF102542, AF038650, R32988, H99036, N39174, N45249, N62843, W60278, W79341, W79441, W93292, W93293, W92077, W92073, AA083227, AA102315, AA111889, AA121668, AA121740, AA505444,

1546	HCQCR04	876597	<p>nucleotide residues shown in SEQ ID NO:1545, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 342 of SEQ ID NO:1546, b is an integer of 15 to 356, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1546, and where b is greater than or equal to a + 14.</p>	<p>AA528215, AA574144, AA738177, AA934667, C20604, AA706803, AA781330, AI015034, AI3111392, AI359257, AI360138, AI383772, AI422649, AI582783, AI127637, AI129439, AI130855, AI203460, AI208460, AI610103</p> <p>W79201, AC006001</p>
1547	HWMFE48	876600	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1158 of SEQ ID NO:1547, b is an integer of 15 to 1172, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1547, and where b is greater than or equal to a + 14.</p>	<p>AA813252, AI911238, AI186148, AI743777, AA868390, AI004989, AI808771, AA838553, AA654365, AI911106, AI092279, AA769822, AA523966, AI955005, AI034008, AW085738, AI302130, AI285082, AA158037, AI991179, AI954918, AI167941, AI738706, AA524173, AA887784, AA552303, AI424977, AI024177, AI051807, W56741, AI720296, AI672956, R99385, AA594882, W85752, AA315098, AW382098, N90665, AA778392, D31212, T65680, AA465630, AA158328, AA641295, AA928364, AA812254, AI351201, W20284, AW382084, AI383689, AA215354, AI873941, AW382340, AA639464, AW382339, AW351859, U17077, U17079, U17080</p>
1548	HMTBN44	876601	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	<p>AI446030, D62937, AA344217, AI950787, D62979, D79906, AW151367, AW151360</p>

1549	HCROI04	876602	<p>is any integer between 1 to 1409 of SEQ ID NO:1548, b is an integer of 15 to 1423, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1548, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 443 of SEQ ID NO:1549, b is an integer of 15 to 457, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1549, and where b is greater than or equal to a + 14.</p>	M63806, AF035406, M96066, S68616
1550	HTWCT64	876608	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 963 of SEQ ID NO:1550, b is an integer of 15 to 977, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1550, and where b is greater than or equal to a + 14.</p>	AW118825, AI582268, AI924840, AI686918, AI689468, AI565967, AI471821, AW167093, AW438815, AI560103, AW192267, AI351758, AI204255, AA948069, AA775662, AI160736, AA975121, AI347454, AW381442, AI086345, AI805695, AA441899, AW132052, AA233648, AW204634, AI470694, AA464178, AA693693, AI061108, AW028857, N90723, AI275105, AI290106, AW130518, N33172, AA031928, AA476308, AI682854, AI358603, AI332311, AW381443, AI696369, AW381398, AI472619, AI383588, AA404636, AA180763, AA233637, AW381420, AA032029, AI559765, N90350, N44956, W06927, AA182891, C05190, AA883620, AI696426, AA618268, D90034, E01793, E01792, E01791, D28915, D28914, D28912
1551	HETBI79	876609	<p>Preferably excluded from the present invention are one or more</p>	AI346674, AI348020, AI890197, AW291166, AA167382, AA700159, AI347083, AI056234,

1552	HW/TBM65	876610	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2526 of SEQ ID NO:1551, b is an integer of 15 to 2540, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1551, and where b is greater than or equal to a + 14.</p>	<p>AA535792, N76634, AA815232, AI343929, AA490536, AI696964, AI392769, AI346881, AI613246, AA809480, AI318395, AI761658, AI140011, AW190983, AW070699, AA488989, AW291783, AI285896, AA627444, R84232, AI674736, AI280867, H72489, AA488770, AA813879, AI685538, AI858181, AW006758, AA167381, N54554, N71216, AA971023, AA704201, AI612846, AW294335, N22015, R10105, AA744665, AI680111, AI361708, AA313609, N75553, AA337910, H72889, AI689838, R87634, AI867541, AW015119, R38671, R00317, AA548940, AI886417, T98789, W05347, AA337673, T98788, F10720, AI910396, AW374767, AC004687</p>
1553	HCQBN77	876612	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 594 of SEQ ID NO:1552, b is an integer of 15 to 608, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1552, and where b is greater than or equal to a + 14.</p>	<p>AA908796, AA431249, AI743453, AI433466, AI613002, AW302156, AA758918, AA595771, AA432263, AA887241, AI459626, AA931083, AI522039, AA707461, AI612992, AA834959, R50375, AI004115, AI203186, R48003, R48117, L47334, AC005324, AA976609</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 594 of SEQ ID NO:1552, b is an integer of 15 to 608, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1552, and where b is greater than or equal to a + 14.</p>	<p>AA908796, AA431249, AI743453, AI433466, AI613002, AW302156, AA758918, AA595771, AA432263, AA887241, AI459626, AA931083, AI522039, AA707461, AI612992, AA834959, R50375, AI004115, AI203186, R48003, R48117, L47334, AC005324, AA976609</p>

1554	HKAED74	876621	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 1917 of SEQ ID NO:1554, b is an integer of 15 to 1931, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1554, and where b is greater than or equal to $a + 14$.</p>	<p>AI796510, AA478680, AI972505, AA418501, AI917358, AI923250, AA210747, AI652196, AI652382, AA418404, AI683375, AI224156, AA844697, AA668890, AA315808, AI168734, AI374795, AI469242, AA814749, AI368714, AI347251, AA171797, AI745538, AA450160, AA495861, AI831534, AI206300, AA428536, W95434, AA831973, W95561, AI189412, AA688156, AI867333, AI867770, AI199241, T75325, AI089175, AA479220, AA443765, AA406142, F12995, F13001, T19179, F10596, AA424821, T90046, T19289, T75402, AA76218, F10590, AI868932, AA211708, AI539664, T90147, AA367325, AA428537, AA296374, AA307446, AA171681, AI793116, AI793143, R39216, AF048686, AJ006068</p>
1555	HCQAT20	876622	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 380 of SEQ ID NO:1555, b is an integer of 15 to 394, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1555, and where b is greater than or equal to $a + 14$.</p>	<p>D81622, D60051, H57196, AI125536</p>
1556	HCRMD40	876630	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 332 of SEQ ID NO:1556, b is an integer of 15 to 346, where both a and b</p>	<p>AL044257, W40373, AW250560, AA643353, AI991172, AA402608, AW249124, AI554578, AW328561, AW246456, AW051430, AA308337, AI346750, AW166193, AA703840, AI143755, AI951822, AW080812, AI189652, AI885695, AW166148, AW082817, AI953814, AA602780, AI951334, AI191618, AW248692, W45258, AA503856, AI378866, AA916922, AI089026, AA599791, AA032143, H48844,</p>

1557	HFIHO78	876631	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1556, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1563 of SEQ ID NO:1557, b is an integer of 15 to 1577, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1557, and where b is greater than or equal to a + 14.</p>	<p>AA402390, AI192449, AA826583, AW070627, N39330, AF004876</p> <p>AW150197, AA846471, AI146351, AI276560, H96798, AW016664, AA253395, W07219, H97716, M63896, L13853, S74227, L06865</p>
1558	HCRPG35	876633	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 264 of SEQ ID NO:1558, b is an integer of 15 to 278, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1558, and where b is greater than or equal to a + 14.</p>	AC004030
1559	HSQFQ92	876637	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 737 of SEQ ID NO:1559, b is an integer of 15 to 751, where both a and b</p>	<p>AI750171, AI692181, AI275606, AI453065, AI521837, AI634107, AW130839, AI654841, AA424967, AA059190, AA047896, AA148675, AW085538, AA026771, AI261336, AI696507, AA992863, N66291, R85666</p>

1560	HUFBF32	876638	correspond to the positions of nucleotide residues shown in SEQ ID NO:1559, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1924 of SEQ ID NO:1560, b is an integer of 15 to 1938, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1560, and where b is greater than or equal to a + 14.	AL134555, AI925308, AI625207, AI969783, AW262828, AW263812, AI685887, AA206222, AI086025, AI284055, AA143639, AI268485, AI312871, AL134554, AA969162, AI282923, AA074267, AA206652, N33991, N22039, T09372, AI760417, AA146631, AW083343, AI479411, AA742178, AW054790, AI586977, AI948545, AI991591, T59451, AI565918, AI572624, AA627495, AA236672, AI798559, AW291470, AA292449, AA593202, T58112, AI815717, AI698280, AI432649
1561	HTXCO05	876643	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 875 of SEQ ID NO:1561, b is an integer of 15 to 889, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1561, and where b is greater than or equal to a + 14.	AW411282, R08081, AA307047, T98713, AW351792, AA325934, AW375839, AI694682, AI968390, AW370749, AW370756, U43431
1562	HWMBJ09	876645	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1371 of SEQ ID NO:1562, b is an integer of 15 to 1385, where both a and b	AW337919, AA523430, AL044577, AW194215, AI686556, AI671043, AA652193, AI815222, AI694846, AA480192, AI289064, AI910616, AI9233986, AI557645, AI799943, AI077441, AW007863, AA481900, AI123788, AW024224, AI355044, AW130857, AW054917, AA552445, AA923164, AA300093, AI686879, AI240984, AI625429, AI446337, AI557649, AI557647,

1563	HSIDP84	876646	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1562, and where b is greater than or equal to a + 14.</p>	<p>AA524488, AI557652, AI557651, AI557653, AA579950, AW338240, AI557650, AA480098, AI557656, AI557654, AI557655, AI557648, AA994813, AL044578, AI383197, AA910275, R05862, AA887744, R05776, AI940377, AA594829, AA858443, AI557657, AW337931, AW057864, AI720420, AI557646, AW363060, X87342</p> <p>WG1002, AW316845, AI674913, AI678011, AW190676, AI623768, AI934315, AI692242, AI023791, AI935868, AI934327, AI818628, AI589269, AI520775, C05899, AI598121, H58247, AW007303, AI703259, H70829, AI598076, H61582, H70828, AI932542, AI582914, AI587377, AI565896, AI445979, H94487, H79481, AI888892, H61583, M84424, J05036</p>
1564	HUSJA29	876647	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 848 of SEQ ID NO:1563, b is an integer of 15 to 862, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1563, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3093 of SEQ ID NO:1564, b is an integer of 15 to 3107, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1564, and where b is greater than or equal to a + 14.</p>	<p>AW173342, AA478670, AI968093, AI379615, AI634726, AW338720, AW104590, AI683681, AW169497, AI421606, AA694059, AI970918, AI432425, AA258286, AA234386, W49607, AI417965, AI359750, AI672733, AI094753, AI359735, AI421216, AI421807, AI492071, AW169163, AA406244, N50451, AI400745, AW051859, AI770144, AI418973, N94584, N22975, AW009450, AI423399, AI522259, AW150839, AI358559, AI688047, AA970514, AI768455, AA305807, AW243536, AI399686, W49640, AI280345, AA703127, AI632111, T63353, AI865130, AI474045, H47786, AI274468, AI341413, AW016684, AI399864, AA694012, AI097106, AL040613, AW182238, AA431110, R14723, R06613, AA972500, AW342058, AA887754, AW086061, AI026763, W23791, AI205812, AA232656, R67689, AA972808, Z45677, R36481, AA479212, AI567031,</p>

1565	HCQAG09	876648	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 286 of SEQ ID NO:1565, b is an integer of 15 to 300, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1565, and where b is greater than or equal to a + 14.</p>	<p>R62535, R84588, N50507, AA969851, T97034, AA649044, AA315207, AA649043, AI471105, AI086675, R36482, AA613263, AI051650, Z41345, R42442, AI074320, R66089, AA812544, R06604, T96927, R06660, N32390, AI868697, R06669, AA432124, N79367, T63677, Z20112, AA883725, AI220180, AC004711, AB020684, AJ011911, AC005271, A74567, AA770028</p> <p>AF061056, AF084644, AF084645, AJ0009936, AF188476, AF182217, AJ0009937</p>
1566	HCROT53	876649	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 523 of SEQ ID NO:1566, b is an integer of 15 to 537, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1566, and where b is greater than or equal to a + 14.</p>	<p>U17105, Z36714, U20612, Z47766, U20636</p>
1567	HOENX50	876652	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AF039023, AC006432</p>

1568	HCEOW20	876656	<p>the general formula of a-b, where a is any integer between 1 to 319 of SEQ ID NO:1567, b is an integer of 15 to 333, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1567, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 635 of SEQ ID NO:1568, b is an integer of 15 to 649, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1568, and where b is greater than or equal to a + 14.</p>	AA985339, AA325781, AA041430, AC005531
1569	HCRMGI6	876657	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 379 of SEQ ID NO:1569, b is an integer of 15 to 393, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1569, and where b is greater than or equal to a + 14.</p>	299757
1570	HCEPH79	876660	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	AA326212

1571	HFOVY56	876666	<p>the general formula of a-b, where a is any integer between 1 to 552 of SEQ ID NO:1570, b is an integer of 15 to 566, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1570, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1643 of SEQ ID NO:1571, b is an integer of 15 to 1657, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1571, and where b is greater than or equal to a + 14.</p>	<p>AI828664, AW189077, AA186731, AA058868, AA723578, AL121358, AI221227, AI093392, AI138553, AW019870, AI803661, AA826404, AI004869, N67735, AI188839, AI474328, N64380, T71617, AI630399, AL120719, AA127002, AW386045, AA243169, N70412, N40572, AA977240, AI798975, H41757, H41758, AL046756, H40420, H50495, T91967, N44609, AA125926, H14602, AI950747, H20721, H72253, R10731, AW382088, AA069491, R44126, AI472460, AA045529, AW731653, AW366585, AI14840, AI373402, W58735, N35135, AI889177, AA127021, H71690, AA069453, AA125758, AI312614, AB006965, AF000430, AF061795, AF151685, AF019043, AF107048, AF132727, AF020212, AF020211, AF020213, AF132939</p>
1572	HSXDG80	876668	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1172 of SEQ ID NO:1572, b is an integer of 15 to 1186, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1572, and where b is greater than or equal to a + 14.</p>	<p>N76733, H97908, AI765923, AA100164, AI161123, AI269285, N45309, AI379293, AA026656, AA425856, H06713, AA628959, N54759, AA323052, AI123671, R78485, AA317233, N88108, T92033, T84742, AW263910, AI400524, AA628884, AW275553, AI039362, R78527, AA249635, AI041425, N52791, AI699248, AA223953, AI191006, N59264, AB020715</p>
1573	HHEUK77	876675	Preferably excluded from the	AA313261, AA300475, AA133237, AI768979,

1574	HHEDO14	876677	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 711 of SEQ ID NO:1573, b is an integer of 15 to 725, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1573, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1121 of SEQ ID NO:1574, b is an integer of 15 to 1135, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1574, and where b is greater than or equal to a + 14.</p>	<p>AA580098, AA233499, AA314374, AW408727, AA094260, AI751632</p> <p>AI189206, AI689297, AL037493, AW169116, AA648307, AA062916, AW292736, AI198589, AA902957, AI277799, AA767327, AI311067, AA937974, AA634429, AI004727, AI299652, AA032043, AA862157, AI291351, AA862156, AA181981, AA993666, AA991222, N52079, AA496026, AI000697, AI581889, AW342034, AI972961, AA948363, AA258118, AI971556, N89925, AA041553, H49505, AI017756, AA031961, W19241, F02366, F08820, R22625, H73943, R09488, AI472632, AA748836, AI262706, AA436938, AA877698, AA187708, AA081668, H94003, H49504, H73988, AA244456, AA259104, H95020, AA082449, F11149, F06110, R53670, X77743, X77303, X79193, L20320, Y13120, U11822, X74145, X83579, X57239, X65070</p> <p>AA193161, T10237, H11797, D44986, R25550, T77684, R91095, H15636, Z42961, R17883, AA371122, AL035427, AF035288, AC007262</p>
1575	HKIMC75	876680	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 845 of SEQ ID NO:1575, b is an integer of 15 to 859, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	

1576	HWMBI36	876683	<p>NO:1575, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 718 of SEQ ID NO:1576, b is an integer of 15 to 732, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1576, and where b is greater than or equal to a + 14.</p>	<p>AI435038, AI912169, AI701595, AI628945, AI819240, AI361891, AI057030, AI808292, AI478205, AA933801, AA633552, AI830350, AA513475, AI093856, AI566604, AI559922, AI000612, AA587035, AI222881, T27670, AI308944, AI308779, AA948404, AI346156, AA857101, AI539010, AI871676, AI628889, AI344797, AA865820, AI658897, AI475182, AW082952, AW102783, AI346307, AI972243, AL045929, AI682106, AI344182, AI590482, AI345860, AI569870, M16937, S49765</p>
1577	HE8TM64	876685	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1622 of SEQ ID NO:1577, b is an integer of 15 to 1636, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1577, and where b is greater than or equal to a + 14.</p>	<p>AI751497, W25812, AA307338, AA305326, AI367808, AA332338, AA545813, AA047778, AI251787, AL045193, D30819, AA319757, AW293922, X68199, X69987, L00923, AJ001381, AJ001382</p>
1578	HKLSA57	876687	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 645 of SEQ ID NO:1578, b is an integer of 15 to 659, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	

1579	HOGCV45	876689	<p>NO:1578, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1852 of SEQ ID NO:1579, b is an integer of 15 to 1866, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1579, and where b is greater than or equal to a + 14.</p>	<p>AA971761, AA316125, AA779730, AI342295, D82512, D82209, D82400, AI928195, R59543, R51409, Z43988, F11900, T65476, AA081963, AA304478, T65486, D82182, AA188083, X84373, AR031997</p>
1580	HADCX04	876690	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1482 of SEQ ID NO:1580, b is an integer of 15 to 1496, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1580, and where b is greater than or equal to a + 14.</p>	<p>AI824012, AA768896, AI400750, AW291960, AA449520, AI446344, AI911295, AA482984, AA677454, C75000, AA211913, AA449089, AL039130, AI086104, AA809866, AA814760, AA206769, R51297, Z40045, R59544, T65401, AW440101, AW197032, AA280932, T65412, D81782, R59543, AI916155, F09547, AA206804, AA304478, AA743706, C75037, AA209222, Z43988, R51409, F11900, AA316125, T65476, X84373, AF053062</p>
1581	HCRPH70	876693	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3884 of SEQ ID NO:1581, b is an integer of 15 to 3898, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI452523, AI478635, AI744981, AI560901, AI565588, AI798581, AI814640, AA653662, AA421151, AI660891, AW444552, AL039553, AI745043, AI570244, AI333562, AA205872, AI719554, AI149680, AW439417, AI921227, AA694055, AI601268, AA316992, AI393735, AW190924, AA838650, AI269927, AI095118, AW151035, AI769469, AW337209, AI025693, AA969146, AA577235, AL039554, AI049679, AA936325, AI242821, AA814514, AL121252,</p>

				<p>NO:1581, and where b is greater than or equal to a + 14.</p>	<p>AW376485, AW131188, AW192413, AL121316, AW014973, AA101068, AL039574, AW131134, AA573629, AA102113, AA961055, AW374678, AA194838, AW178971, AA344374, AW374624, AI183708, AA740187, AI537228, AA226093, R68854, H10750, AI802500, AA225947, AA397942, H13519, AW361330, AI208657, H25331, AA814957, AA618264, AA344846, AW380100, N75624, AA372640, F05661, AA206235, AL046083, T54750, AI701306, AA586552, AI857281, AI202213, H11029, H07142, AA206013, AI141812, AA352818, AI307792, R68760, AW374474, F08374, AA344845, N22383, AA353560, AI869073, AI762329, F01918, AA373973, T54663, N88370, AA092897, AA206054, AI040829, AA356450, R43483, AW374484, H06635, AW389283, AI749924, F04601, T19805, AA082735, AW273597, AW374506, AI557427, AA857322, AI721273, AI423660, AA302091, AA181082, R17993, AW360799, H13417, AA977862, H13460, H13520, AW360925, AI206966, AI206949, AI655406, I32959, X53586, X59512, I32960, X69902, X56559, AF166341, S66213, S66196, I32962, I32961, S52135, AF166343, AF166342, AW403014, AI904490, AI831848, AA115313, AI761315, L16783, U74613, U83113, AR030545, A79030, U74612, AC005841</p>
1582	HCRQM22	876696		<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 433 of SEQ ID NO:1582, b is an integer of 15 to 447, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1582, and where b is greater than or equal to a + 14.</p>	
1583	HKAEB15	876697		<p>Preferably excluded from the present invention are one or more</p>	<p>AL036025, AW170264, AI752535, AI005255, AI983435, AW246157, AA830412, AA100899,</p>

			<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1260 of SEQ ID NO:1583, b is an integer of 15 to 1274, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1583, and where b is greater than or equal to a + 14.</p>	<p>AW029286, AW249623, AI817149, AI188189, AI080559, AI351548, AI800612, AA053203, AI472277, AAS14834, AI805161, AW190531, AI674923, AI126935, AI692174, AW338703, AI298396, AA100900, AI371893, AA614754, AI280045, AA775722, AA748994, AW340009, AW021825, AW079812, AA687655, AA157990, AI335523, H28772, AA053118, AA179129, R98683, F37299, AA490300, AA128782, AI222643, AI971507, AI158221, W22913, AI808088, AI241313, AA128683, W75952, AA490392, AA937369, W70210, F27137, AI420918, R98910, AA878476, AA835695, D61351, T47481, AI698637, AA568407, AI114611, AA918093, AI873390, AA191377, AA352963, AA845387, AA206840, AI886265, T99184, AA179130, AA375818, AA190767, H19574, H92872, AA317262, H46433, AL110366, AA852372, AA318585, AA024678, F15781, H19492, AI356724, F29453, T82979, AA024463, H28745, AI864085, AA732079, AI701200, F31250, T47480, AA380664, D61207, AA206841, AA527568, AW087408, T99183, AI345010, AW152550, AI890507, AI815237, AI078510, AA715307, AA809974, AI520946, AA761557, AI445992, AI659795, AA641818, AW075608, AA857847, AW327325, AI860674, AA748353, AW090087, AI567971, AI433976, AL045413, AI860783, AI963172, AI590043, AI624543, AI064830, AI440238, N29277, AL038529, AW088037, AL038645, AW075084, AI310925, AW161202, AI538885, AI828574, AW161579, AI567582, AI289791, AI471429, AL120700, AW151136, AA659314, AI539771, AL121270, AI432644, AW162194, AI537677, AI494201, AI500659, AA425228, AI866465, AI540674, AI815232, AI801325, AL036652, AI500523, AI537617, AI538850, AI887775, AI270350, AI582932, AL043168, AI923989,</p>
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	AI872423, AI284517, AI500706, AI890576, AI445237, AI491776, AW151138, AI521560, AI889189, AI623799, AI500662, AI539800, AW172723, AI582912, AI284509, AI889168, AI440263, AI927233, AI866573, AI633493, AI434256, AI252414, AI866469, AI273179, AI805769, AI434242, AI888661, AI312364, AI500714, AI284513, AI345180, AI888118, AI285439, AI859991, AI436429, AL079799, AI355779, AI889147, AI623736, AI581033, AI371228, AI334884, AI491710, AI440252, AI431307, AW269098, AL047422, AW268251, AI114703, AI866786, AI860003, AI610557, AI431316, AI433037, AI242736, AA808175, AI887499, AW151979, AI539781, AI364788, AI867068, AW268768, AI702065, AI539707, AI885949, AW089557, AI559957, AI285419, AI500061, AI521571, R65859, AI469775, AI866581, AW079432, AW089562, AI567953, AI815150, AI446495, AW131331, AW193530, AA845354, AI445620, AI671642, AI816055, AC004922, U26541, I19368, I19367, U65960, U72620, E08631, AL137480, Y10080, AL080124, S63521, AL110221, I48978, AF132676, AF061836, AJ242859, Z72491, U92992, I89947, AF153205, AJ012582, L19437, A08907, AL122049, A08913, E02914, AF151109, Z82022, A08912, S77771, AL122093, A03736, AL137479, A08910, A08909, A08908, S76508, AL137271, AF017152, AL133049, AL110280, AB019565, AI8777, A77033, A77035, X70685, X52128, AL050149, AF061573, AL133072, S68736, AI8788, X93495, AF067790, I89931, AF215669, A76337, D89079, A08911, ARO38854, I41145, I49625, AF113694, S83456, A07588, AL117587, AL049382, AF126488, AL023657, AL137533, X99717, AF102578, AL133619, X65873, E03671, AF079763,

				A76335, AF118090, E02349, AL117435, E02253, AL133010, I89934, AL117432, AL133565, AL133606, S78214, AL137539, AL122110, AF100931, AL137526, A65340, X79812, AL133080, AL133081, AF192557, AL133075, U72621, AL080163, AL122121, A08916, AF078844, AL137429, AF175903, AF065135, AJ238278, U87620, AL133014, AJ005690, AF182215, AF115410, X72889, AF113677, I48979, U66274, E06743, U78525, AF115392, AL080126, AL137550, A58524, A58523, AL133104, AL133067, AL133077, AL050277, AF118094, A65341, U58996, AL080074, AL049466, AL133557, AL137529, AL110158, AF090903, AL050155, AL137665, AF169154, Y10655, AF113690, AF090934, AF104032, AF067420, X06146, Y09972, AL117583, M86826, AB007812, M27260, AF061795, AF151685, AL110222, AL133054, X63410, S75997, AL133093, AL133558, I26207, AL050172, AF017790, AL080158, E01314, AF090900, AF125948, AL096744, AL050393, AF106862, AF081195, E07361, I89944, AL133560, AL137537, AL049283, AL117460, AF109155, M96857, A58545, U57352, AL050108, AF004162, AL137488, AC004200, E01614, E13364, Z97214, AL133112, U89966, AL117648, AF162270, AR068751, AL137627, AF207750, A57389, AF118064, AL137478, AC004383, I33392, D44497, AL137530, AL133640, AL117626, AF143957, U95114, AL137459, AL137711, AL050116, AL137558, A08915, AL110225, AL122118, AL050092, X72387, AL050138, U42766, A15345, AF106945, AF091084, X82434, X66862, AR009628, AF118092, AF120268, AF094480, AL137471, AL049452, AF044323, AJ010277, AF090901, AF137367, U35846, AC003032, AL137300, AF002985, I80064, AF114818, AL049464, L13297, Y16645, AL049300, A86558, AB029065, AF097996, E04233, Y11254, AR029490, AL122106, AF111851, I46765

1584	HSYAP76	876701	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 484 of SEQ ID NO:1584, b is an integer of 15 to 498, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1584, and where b is greater than or equal to a + 14.</p>	<p>AA411543, AL039599, AI351337, AI826980, AA160380, N67961, AI378493, AI951298, AI090558, AI348126, AA478324, AI200956, AA644040, AW024189, AA587243, AI812050, AI362845, F29594, AA776518, AA789114, AA931516, AI003566, AI707494, AA970343, H11327, AA947278, AA076341, AA915984, AI299557, AW299825, AA024520, AA258801, AA169301, AA342232, AA484880, W90755, AA516277, AI015269, R53617, AA113377, AI379669, AA829839, AA876766, H05518, AA053830, AI991853, AA810454, AI766365, R85352, AA502109, AA922383, H09142, AI680956, R69168, AA865843, H85022, AI886514, AA215481, R06394, AA524191, AA074146, AI638009, R76047, AA528723, F19676, AA588290, N56241, N75886, R22963, AW090423, AA088341, N22109, R75873, AA508387, N98357, N67304, AA749208, AA355684, AA258709, R87295, AI192394, AA477680, AA765589, AI886515, AA302356, AA670313, H11756, AA236894, AA304541, AA417858, AW167222, R51947, AA307613, AA478268, AA641818, AI252414, AI312364, AI244249, AI345180, AW269098, AW268251, AI348870, AW268768, AW073865, AI670009, AI473536, AI538259, AW409772, AI307604, AI433157, AI702073, AA838230, AI500061, AW084056, AI633125, AW152182, AI887308, AI872910, AL045500, AW020397, AW079432, AL040184, AI648454, AI766348, AL036631, AW162118, AW051088, AI698391, AI915291, AW088691, AI859991, AI582932, AI872423, AI889189, AI521560, AI866469, AW238688, W74529, AI281800, AI690748, AI569583, AI432030, AI610770, N75779, AI538564, AW161156, AI683173, AW089275, AA235825, AI623941, AI537677, AI890907, AI612852, AL046595, AI918435, AL047344, AI884318, AI569637, AA579618, AI868931, AA001397,</p>
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	AI340519, R81679, AI860003, AI625079, AI890507, AI499621, AW268067, AI620003, N33175, AI963058, AA420722, AI471909, AL121365, AW198090, AI890214, R32821, AI612750, AL037649, AI627988, AL045163, AW151136, AI815232, AW103442, AW078839, AL037454, AL119828, AL036802, AI579901, AI538764, AL039274, AA502794, AA908294, AI863241, AW020095, AI499986, AI288285, AW083374, AI624293, AI590575, AI345745, AI950892, AI801325, AI500523, AI677796, AI537273, AL037030, AI611906, AI797908, AI500662, AI866770, AI888661, AL121564, AI498067, AW118518, AI241923, AI254727, AI366900, AW193850, AW022808, AW078735, AI889376, AI687362, AL038605, AI564719, AA693331, AI783530, AI580190, AI379711, AA505147, AI610895, AW160905, AI866465, AL037582, AI567582, AL037602, AI696612, AW163834, AF091555, U37408, AR014566, AJ010483, AB033122, AF067795, U35846, I48978, I89947, E04233, AR038854, AJ000937, Z37987, AF090900, E12747, S63521, I48979, A08913, AF087943, A58524, A58523, A08910, A08909, AL023657, AF090934, AF125948, AL137271, AF026816, AF111849, E07108, A77033, A77035, AF090943, AF158248, AL133113, A08912, I89931, AL050172, AL096744, AL080148, AL050393, AF057300, AF057299, I00734, I49625, E00617, E00717, E00778, AL133665, X72889, A08916, AF113694, Y10936, X70685, AF146568, AL122118, AR013797, AF113019, AF097996, I33392, AL049314, AF026124, AF090903, AL137533, AL137488, AL137476, AL133560, X81464, AL133067, AF028823, Y16645, AL049283, AL122050, AF079763, AL049347, AL050116, AL137558, AL137480, AJ012755, AL133080, AL110221, AL117457, AF061981,

			AF104032, M92439, Y10655, AL137283, A65341, E05822, A08908, E06743, AF177401, U78525, AL137550, AL117435, A03736, AL110280, AL137557, AL080159, AF113699, Z82022, I46765, AF183393, Y14314, AL050149, AL133568, AF185576, Y07905, AL137294, S78214, AL122110, AL049300, AL050024, AL137478, E02349, AL137459, AL117460, AL050155, U88966, AF100931, AL110196, AL049430, AL137529, AL117394, AL137705, AF061573, AL137292, AL110159, X60786, AF132676, AL133640, AF061836, AL110197, X84990, A93350, AF039138, AF039137, AL133606, X83508, AL035458, AB016226, X82434, AF113677, L19437, AL050277, X72624, AL133075, X65873, AL137479, AR011880, A18788, A21103, AF091084, AF017437, AL117463, AL137523, AF061795, AF151685, AL133016, S68736, AF090901, AF106657, AF106862, S36676, AL049938, A18777, AR000496, U39656, AL080110, Y09972, AF090896, AF008439, AF098162, AF113013, AF054599, AF067728, AL117416, AF153205, A07647, I09499, AL050108, AF032666, S61953, X87582, Y11254, AL049382, AL117626, I17767, AJ238278, AL122100, AJ003118, AL050146, AL122093, AL050092, X98834, AL137463, AF113690, AL117644, X83544, AF111851, U58996, AL049466, AF090886, AL117440, AL110225, U80742, AF030513, AL050138, AL133031, AF102578, I42402, U00763, E03348, AF118094, AR038969, AL137538, AL080074, I03321, X59414, AF139986, U42766, AL137660, X53587, D83032, AF162270, X62580, AL117583, L13297, A12297, AL122121, AL122123, E15569, AL080124, AF119337, AF117959, AF113689, AF126247, A65340, U67958, AL137560, U67328, AL133081, AF151109, AL117649, E08631, AL133072, AL110222, AF079765 AI492198, AA381672, W44823, AB002357, D26077	
1585	HCRMV17	876716	Preferably excluded from the present invention are one or more	

1586	HOEKC39	876719	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 714 of SEQ ID NO:1585, b is an integer of 15 to 728, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1585, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1794 of SEQ ID NO:1586, b is an integer of 15 to 1808, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1586, and where b is greater than or equal to a + 14.</p>	<p>AI436209, AW026035, AI401315, AI446530, AA588136, AI591172, AA497132, AA927681, AA497055, AI951115, AI200036, AW238900, AI493315, AI400504, AI089283, AI925204, AW069539, AA857330, AI191461, AI378670, AA410339, AI472923, AA747530, AA766215, AA234951, AA988960, AA037081, AI246277, AI167513, AA704133, AI080251, AI055948, AA614812, AA130081, AI015171, AI493376, AA235125, AA825222, AA449908, AW206209, AA130080, AA029281, W25810, AA613492, Z44379, T19354, AA406250, AA250960, N74300, T19203, AI417639, D82431, AI198426, R23635, Z40312, AW390845, D79780, D79680, R24115, AA455230, AW390828, D63116, AA465608, T10625, W51823, N88198, AA029425, AW390832, D19792, AA258657, AA449961, AA089740, AB003103</p>
1587	HKCSL28	876722	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 363 of SEQ ID NO:1587, b is an integer of 15 to 377, where both a and b correspond to the positions of</p>	<p>AI275539, AI299922, AI245421, AA872397, AI288931, AA927697, AI244692, AI378809, AA887588, AA917836, AA894628, AI299933, T28672, AL022315, M87842, M14079, M87859, M87860</p>

1588	HHEFB46	876725	<p>nucleotide residues shown in SEQ ID NO:1587, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1472 of SEQ ID NO:1588, b is an integer of 15 to 1486, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1588, and where b is greater than or equal to a + 14.</p>	<p>AI052256, AI126717, AW189938, AA745594, AI885180, AW070663, Z99376, AI014817, AW239211, AI784576, AW327439, AA524748, AW073683, AW276639, AA835672, AI608763, N36799, AW247076, AA627848, AI127547, AA740916, AW327258, AA166916, AA568685, AA828239, Z99375, AA700740, AW327612, AA812422, AA099018, AA761648, AI051506, AA573156, AI025865, AA503846, AA592898, AA160273, AA775540, AA451628, AI185757, AA768416, AA687268, AI371140, AI371046, AA074799, AW029151, AW250428, AI138225, AI089539, AI004126, AA809470, AI537332, AI073676, AI190076, AI278484, AA167073, AA127406, AA649193, AA721424, AA715174, AA978034, AA524391, AI923795, W88636, AA393865, AW403551, AA173982, AW362155, W73908, AI635344, AA856908, AA962673, AI024400, AA992622, AI167830, AA314538, AI031946, AI752947, AA100657, AI922493, H83589, AA593126, AA888675, R54097, AA031733, AI033288, AA506081, AI380802, AI491801, AI953284, AA085335, AA127405, AA515785, AI761093, AA076411, AA075012, AA305905, W76601, AI039462, AA450223, AA112634, AA082732, W74770, AW341032, AA725074, AA074990, AA009468, AA889213, AA565437, AW079297, AA099096, AI064753, AA027240, H00352, AA173626, AI380804, W88554, AA076267, AW105351, AA076266, W52167, AW021312, AA693887, AA164763, AI249663, AA031732, AA403080, R89292, R51433, AW327440, H02543, N52907, AA113337, AA127505, AI282747, AA164762, AA411811, AI459951, AA133539, AA514558, AI197787, AA160272, AW393147, AA314358, AA933718, C00036, AA639385,</p>
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1589	HWBBS84	876726	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 984 of SEQ ID NO:1589, b is an integer of 15 to 998, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1589, and where b is greater than or equal to a + 14.</p>	<p>F25558, H02544, AI696072, H71452, AA361575, R11641, AA115764, AI720134, R54151, AA588847, W73014, R99520, R89293, AA969406, AI797468, AA864670, AI083791, AA628031, AA974650, AA053334, AI379135, AI380120, AA058648, T27975, AA393799, AA738408, AA076505, H94038, AI126113, AW449655, AI686294, T47873, T73141, R16766, AA810517, T74664, R07722, R07723, AI300209, N45959, H47972, AI379137, AA903779, AA876048, AA320546, AA922980, AA782268, R10017, AA644180, R15278, AA356761, AI688217, R93621, AI476203, AI267797, AA027239, AA910612, AI201954, R09847, AW364121, AA179728, H47662, AW104377, AA872213, AI718364, AW166745, AA191273, AA492543, T83787, W24030, AW197934, T11052, AI686637, AW351540, N55602, AA127491, AA665178, W63552, AI143483, R99521, AA009700, R85393, T03064, F05216, F06634, T18456, H94124, M29536, X73836, AL031668, AC007934, AF076927</p> <p>AA775676, AA306997, AW299505, AA295175, AI660377, AI698467, AI925518</p>
1590	HSIFZ22	876728	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	<p>AI554023, AI913274, AW383970, AW383965, AW383954, AI539770, AI609013, AL043107, AW383974, AW383967, AW167072, AW383980, AI591170, AA001432, AI612801, AW129469, AI799420, AA001431, AW383968, AI978633,</p>

1591	HCRNB80	876731	<p>is any integer between 1 to 2108 of SEQ ID NO:1590, b is an integer of 15 to 2122, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1590, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 515 of SEQ ID NO:1591, b is an integer of 15 to 529, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1591, and where b is greater than or equal to a + 14.</p>	<p>AW383979, AW380739, AI289788, AL041319, AI375787, AA888783, AI560125, AW383982, AI129128, AI073851, AI818814, AA157885, AA157573, AW365658, R53920, AW363206, AI590019, W67551, D29067, AA143454, AI273137, T29043, AI681062, AA862112, AW383985, R53921, AI609506, AI648445, C00135, D29068, AI567045, W67580, N74341, AW189660, AA143453, AI168413, D29362, AW383976, AW363205, AW392754, T25083, L34155, X84900, X84013, X84014, U61261, X85107, X85108, AI750182, S79871, S79910, U37431, S79869, AC004079, Z64816</p>
1592	HTPAY47	876732	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1202 of SEQ ID NO:1592, b is an integer of 15 to 1216, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1592, and where b is greater than or equal to a + 14.</p>	<p>AL045837, AW290317, AI925409, AW168903, AW068826, AI083568, AW026383, AW262903, AI928513, AI979214, AI890598, AI750592, AW339074, AA418236, AW029483, AW022107, AW295181, AA664461, AI752803, AI740606, AI147688, AA970819, AW068765, AI473816, AI751522, AI925816, AI459360, AI752768, AI752291, AA639417, AI460028, AI752525, AI750945, AI694639, AA599476, AW131293, AA242752, AI750659, AI889686, AI888426, N71781, AI357766, AW021892, AI755098, AA350793, AW067910, AA853461, AA298896, AI784082, AA853579, AA852453, AA852454, AA853800, AA307755, AI925501, AW021059, AA976657,</p>

1593	H2LBA37	876743	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 675 of SEQ ID NO:1593, b is an integer of 15 to 689, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1593, and where b is greater than or equal to a + 14.</p>	<p>AW150473, AW166734, AA627471, R30650, AI752649, C01914, AL049389, AL109718, AB033025, I95744, AR053539</p> <p>AA315933, AA314510, AF121164</p>
1594	HWLIP86	876744	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 932 of SEQ ID NO:1594, b is an integer of 15 to 946, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1594, and where b is greater than or equal to a + 14.</p>	<p>AW024392, AF121164, AA863031, AA639871, AA954258, AA877523, AA741216, AI289873, AA515094, AA568880, AW272162, AA315933, AA314510, AW135907, AA887896, AA954266, AA577173</p>
1595	HGBAM79	876745	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 861 of SEQ ID NO:1595, b is an integer of 15 to 875, where both a and b correspond to the positions of</p>	<p>AA424088, AA419164, AI003828, T28640, H69474, Y00291, M96023, S56660, X07282, AF110730, AF110729, AF157483, X59473, I09352, I09359, S63196, X57340, X57339, X56674, X57341, M96022, I09358, M96021</p>

1596	HKAFU85	876747	nucleotide residues shown in SEQ ID NO:1595, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1243 of SEQ ID NO:1596, b is an integer of 15 to 1257, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1596, and where b is greater than or equal to a + 14.	AI346365, AA641709, AA627539, AI340146, AI909720, AA555216, C16952, AW014754, AA857163, AA975933, T29526, AI431323, AI269804, AW371982, T61465, D29449, AW268543, M30704, AR052268, M30699, M30703, AR052271, M30698, AR052272, M30700, Y09830, M30701, M30702, AR040760
1597	HNFE067	876750	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 927 of SEQ ID NO:1597, b is an integer of 15 to 941, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1597, and where b is greater than or equal to a + 14.	AW361809, AA775705, AW361849, AA639664, AW361714, AW370643, AW361561, AW378536, AW378537, AW378541, AA088182, AI185232, AI679593, AW378535, AI831033, AW390710, AA043959, AA088652, AA968933, AA621368, AA628938, AA524822, AA043825, N21038, AW062555, AW361879, AI620610, AI906062, AW385408, AW373796, AW385411, AW385415, AW360894, AF112225, H75542, AW385929, N84722, T19738, AW193817, AW379467, AL135407, AA096480, AA911574, AA745725, AI245925, AA128676, AI087249, AI744235, AI752870, AF201337, X05276, Z98883, AC006316
1598	H2MBA27	876752	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 491 of SEQ ID NO:1598, b is an integer of 15 to 505, where both a and b	AI571948, AA308400, AA573793, AA314326, AA568312, AA614579, AI925552, AA307578, AA507595, AA614409, AA314825, AA578674, AA582084, AW009769, AA514776, AA588034, AW004668, AA587613, AA858276, AW050700, AI624586, R83818, AI001051, AI910275, AW050690, AA864309, R83377, AA524242, AA507418, AI202532, AI307407, R55389, AI970839, R55292, AI909751,

1599	HWLMB30	876753	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1598, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 266 of SEQ ID NO:1599, b is an integer of 15 to 280, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1599, and where b is greater than or equal to a + 14.</p>	<p>AI910083, AI909772, AA614539, AI909749, AA506787, X00474, X52003, E02904, MI2075, E03953, X05322, X05321, X05030</p> <p>AI307407, AI571948, AI909772, AI909751, AI909749, AW009769, AI970839, AW050690, AW050700, AA524242, AA587613, AA858276, AI202532, AA507595, AW004668, AA514776, AA578674, AA573793, AI925552, AA614409, AA614579, AA588034, AA308400, AA582084, AA307578, AI001051, AA568312, R83377, AI624586, AA314326, AA314825, AA507418, X00474, X05322, MI2075, X52003, E02904</p>
1600	HHEBN60	876760	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1515 of SEQ ID NO:1600, b is an integer of 15 to 1529, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1600, and where b is greater than or equal to a + 14.</p>	<p>AI131324, AL037422, AL037391, AW161774, AI890947, AA122289, AA584305, AW273236, AI862040, AW085692, AI209167, AA148506, AI351762, N66647, AI523188, AW273178, AI830451, AA452008, AA705906, AL043832, AI571577, AI219060, AI361659, AA632645, AA662786, AW273354, AI885486, AA627153, AI050005, AA580620, W56473, AI266655, C75555, AA884431, W70047, W70048, N63491, N64411, AW055257, AI424319, AI554547, AI521110, AI559699, AI623228, N92821, AA160261, AA135865, AA171948, AI619980, AW088109, AA169427, AI434909, AW021267, AI539602, N94794, H03661, AA999936, C17025, AI055978, H03756, AI567074, AA151579, AI918516, AA207108, H88943, R70308, AI904987, AA345034, AI970814, H89175, R70632, AA135864, AA740380, AA156595, AA353886, R22230, AA618325, D56914, H44681, AI355451, AI955112, AI919589, C75412, AA577375, C75470, AI907423, T50659, AW263380, D56915, C02126, AI284452, R31847,</p>

1601	HOEMQ68	876762		<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3082 of SEQ ID NO:1601, b is an integer of 15 to 3096, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1601, and where b is greater than or equal to a + 14.</p>	<p>T40470, AI904794, AA384278, AI568036, T39196, C75672, T27972, D55752, R22288, AA862190, AI907464, AA149395, AA513034, R35775, AA484012, AA649723, AA160260, AA074934, AA262411, AA828667, AA501402, AW302880, AI076612, AA506004, AA975564, DI9957, L10911, L10910, AL034370</p> <p>AI810904, AA603949, AI680975, AI754691, AI126502, AI393833, AI770102, AW261877, AI335098, AI633698, AI093265, AI027769, AI885125, AI373081, AI580943, AI393771, AA749301, AW338708, AI250780, AA287845, AA453050, H71837, W03966, AA152044, AA603836, AA287846, AA042955, N99630, W02451, N25637, AI917997, AA244066, R63787, AA578977, AW239000, R78310, H54574, AA037115, N34235, AI240141, AW130305, H02870, AA042815, R73884, AA334992, AA114063, AA515422, AA368391, R62757, AA311857, R82819, AI128764, R63733, AA664138, AA953035, AA113801, R63857, AA298118, R23143, R62758, T69806, AA303428, R34175, R73971, H59544, R23144, T70792, R31823, R82820, AI933547, AA244223, AI806610, AA742952, AI453225, AA327996, AW338192, R22283, R77939, AI240290, N72673, N95485, AA152084, AI383282, H60415, N98505, AW361055, R32084, R31777, R34297, R32031, AA374818, AA300327, AI076967, AA622059, R63858, N73903, AW150955, AI368478, AA037154, AW087179, AL080209, X67780, AF130561, M96248, M64474</p> <p>AA347863</p>
1602	HHFCP36	876764		<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 322 of</p>	

1603	HTXKH86	876767	SEQ ID NO:1602, b is an integer of 15 to 336, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1602, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1021 of SEQ ID NO:1603, b is an integer of 15 to 1035, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1603, and where b is greater than or equal to a + 14.	AA314774, AI291017, AA191539, AI298290, AA147791, AW238920, AA308544, AA187762, AA081307, AA075926, AA773549, W52392, AA780574, AL038991, AA307244, AA181578, AA081167, C06415, AA402249, AA165319, AA132481, AW247110, AA076454, AA079384, AA304499, AA181561, AI857405, T35498, C06389, AA181655, AA314234, AA352654, Z45227, AA992505, AW000888, AI651014, AI392985, T34265, AI344273, AW341319, AA190808, R71708, AF104669, U87954, AR035973, U59435, X84789, U43918, U50137
1604	HISCI72	876771	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2217 of SEQ ID NO:1604, b is an integer of 15 to 2231, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1604, and where b is greater than or equal to a + 14.	AI743600, AI885169, AI937505, AI042181, AA854952, AI522015, AA400219, AI522002, AA305093, N26064, AI888285, AA400130, AW296334, AW292016, AW440393, AI146794, AA187458, AI262079, AA855005, AI476446, AA187590, AI202446, AA860740, N50825, AI014949, AA041540, AA846133, AI335358, AA885027, AI038001, AW163208, AW070692, C06284, AA838476, Z43206, C05759, AA190468, AI680041, AA635314, AI034110, AA622708, AI000051, R64675, W44694, D60048, AA805958, F07813, Z40908, AA565995, F02659, AI471921, F05522, F05523, AI034108, R27644, AW236720, AA039917, AW163735, R64676, R27550, W38645, F01794, F01795, AW263460, D52614, AW151942, AA090824, C00912, X92396, AJ225782, X96737, AJ004799, AJ225808, X95807, AJ133541, AJ133539, AJ225807, X95806 AA309052, AW247981, AA311506, T87086, AA352616,
1605	HJACI75	876773	Preferably excluded from the	

1606	HTEDS38	876776	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 665 of SEQ ID NO:1605, b is an integer of 15 to 679, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1605, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1663 of SEQ ID NO:1606, b is an integer of 15 to 1677, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1606, and where b is greater than or equal to a + 14.</p>	<p>AW339919, R01803, AW054854, H63371, AI097555, AI128037, AW392879, AW392871, AI197762, AW392909, H45736, U18300</p> <p>AA147098, AA506483, AA459122, AA553631, AA687219, AA639000, AA507321, AI475344, AW016032, AA902221, N47467, H15303, W69943, AA419435, W69833, AA680161, T27895, AI680311, H93979, C75158, H93980, R25544, AA223335, H15697, AI758259, AW079484, F02620, AI933243, AI680312, F02623, AI191766, R12384, AA371184, AA714796, AI383543, T69739, R09794, AI873805, AI581822, AI371311, R15273, AA093267, AA312224, S67325, X73424, AB000886, M14634, M13573, AJ006497, AJ006496, AJ006499, AJ006494, AJ006488, AJ006491, AJ006493, AJ006492, M31167, AJ006498, U86128, M31169, AJ006495, M31168, AJ006489, AJ006490</p> <p>AA347492, AA307478, R18976, AA233030</p>
1607	HUVHP60	876789	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1195 of SEQ ID NO:1607, b is an integer of 15 to 1209, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1607, and where b is greater</p>	

1608	HUFC129	876791	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2594 of SEQ ID NO:1608, b is an integer of 15 to 2608, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1608, and where b is greater than or equal to $a + 14$.</p>	AW007623, AI963511, AI587104, AI453405, AI694729, AI796832, AW363443, AW387811, AW387793, AI826957, AW361899, AI955696, AI955780, AI827005, AW387799, AI828295, AW192552, AA581220, AA527188, AW387817, AW363244, AI818260, AI956167, AI801443, AI904486, AI400372, AI921063, AW338519, AI693877, AI074261, AI927711, AI956102, AI920992, AI972695, AI911695, AI828218, AW076111, AI682785, AI921387, AW387812, AW337936, AW363218, AW364488, AI346975, AI913862, AW440967, AW130304, AW360772, AI696946, AI672948, CO5920, AI587485, AW070932, AI635943, AI262029, AI739440, AA100719, AI955836, AI262264, AW376483, AW130542, AI972967, AW175800, AW387796, AA579753, AI446049, AI569938, AI934313, AI609930, AI677998, AI431963, AA553880, AI828330, AI597812, AA040073, AW360835, AA917638, AW377104, AI682718, AI354639, AW376508, AW192548, AI962102, AW376484, AW392307, U47705, AI813978, AW362727, AW361642, AA828073, AI261531, AI277071, AW136050, AW361304, AI934325, AA152037, AI695028, AI631388, AW377034, AA316326, AI470301, AI962061, AW377083, AW360762, AW362547, AI640638, AW391349, AW375920, AW376475, AW243579, AA130547, AW365061, AI961867, AA135037, AA581264, AI250167, AI453469, AI696953, AW376234, T29561, AI589481, AI582988, AW387713, AI537547, AW387715, AW376010, AI926514, AA132781, D45505, AA367446, AA838269, AA295348, AI828399, AI473526, AI587351, AA053595, T93569, AW376489, AW393447, AI584131, AA132182, AW360942, AL121028, AI569894, AI264699,
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1609	HCRNO02	876795	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1999 of SEQ ID NO:1609, b is an integer of</p>	<p>AI264753, AW377162, AA132598, AA055605, U53097, AA587700, AW387798, AW387806, AI572732, AI955608, AW373707, AA834430, AW374782, AA584940, AI872586, AW176585, AW364936, AW373781, AW373783, AW373636, AI611749, AA053542, AW374712, AW198029, AW075785, AA132613, AW373627, AW338946, AW374717, AA366310, AA151939, AW364088, AW373705, AA366104, T29474, AI991653, AW364960, AW375981, U54607, AW373640, AW365022, AW373637, AW374744, AW373728, AW363272, AI572766, AA366576, AI904461, AW383505, AW383659, AA588827, AW362544, AW383654, AW373780, AW360980, AW376560, AW373706, M18728, E01972, I08158, M18216, M29541, A43167, E01971, M29540, M17303, AR044683, E03351, D90312, M69176, D12502, I08161, I08159, M72238, J03858, E03352, D90313, I08160, I08157, X16354, E03350, D90311, AR052807, AR052808, A39900, I08156, M15042, X16455, E01630, A43169, A43165, X52378, D90064, AC005204, AC004558, AC005392, AC005797, AC004785, AC004610, E03349, D90278, X16356, AF107735, AF006622, M17082, M16234, E03348, D90277, M22433, I00693, I08155, L00692, X16454, A37261, X62151, M16337, I08137, I08165, M76742, AF006623, U06673, M59260, M59256, M22434, M59257, M59258, U73590, U73589, T92142, AA040122, AA054073, AA054457, AA134992, AA939328, T10888, AI445504</p>
				<p>AW299764, AI686197, AI304852, AI744076, AA524023, AW418630, AI956147, AW149583, AI492144, AI763361, AI056100, AI264648, AW293714, AI955008, AI692564, AI911582, AW439524, AI261883, AI922688, AI623527, AI092437, AI871936, AI471612, AI092438, AA101743, AW272851, AI582628, AA016250,</p>

1610	HAUAF56	876798	<p>15 to 2013, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1609, and where b is greater than or equal to a + 14.</p>	<p>AI367070, AA976607, AA583461, AI249930, AW051844, AW205361, AA507715, AI954585, AA922244, AI273733, AA126244, AI087863, AI251918, AI334712, W67736, AI242730, AA101742, AW135527, AW402172, AA640129, AI347209, AI286337, AI581372, AI469691, AA069014, AA934842, AA508884, AI887809, AA831979, AI244186, N50480, AI275702, N50424, AA736752, C20724, N95586, AW304156, AA459318, AW192272, AI275964, AA947333, AA902224, AI220977, AA742300, AA321817, AA553858, R63954, AI933896, AI569580, AW084360, AI802071, AA888637, AI802496, AA364540, AA330481, AI623357, AA459100, AI879891, AA321816, AA806651, AW270487, AW117230, N73503, AI763427, AI570080, AA602961, T27344, W25008, AA306002, AW377570, AA016984, W67735, AA377036, AA092406, AA876851, R27168, AA069079, U18914, S82081, U35428, D82579</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 590 of SEQ ID NO:1610, b is an integer of 15 to 604, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1610, and where b is greater than or equal to a + 14.</p>	<p>AA843663, AI636447, AI652163, AI741572, AI734839, AI191667, AI311840, AI092011, AA838667, AI651387, AW236921, AW241575, AA861653, AI800862, AA602368, AI689816, AW051840, AI354951, AA573089, AI148406, AI141828, AI183782, AI194006, AI693445, AI635512, AI493869, N90872, AW237388, AA126737, AA732844, AI192168, AI217045, AA137055, AA994789, AI493086, AA845631, AI094429, AL047557, AA181124, AI140430, AI860338, AA723326, AA506514, AI718897, AI142056, AA694462, AA527690, AA719919, W60495, AI128784, AA295736, AA719929, W74729, AA046090, AL079932, T27623, AI183793, AA777211, AA187497, W60781, W02217, AL047558, AI962738, W57590, W58378, AI040455, N78658, AA128249, AI092598, AI127083, AI767352, C00790, AI796294, F21069, AI962745, W58054, R82964, AI127007, AA319961, H25260,</p>

1611	HHEUM25	876802	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 965 of SEQ ID NO:1611, b is an integer of 15 to 979, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1611, and where b is greater than or equal to a + 14.</p>	<p>AA046133, F29476, AI024494, D57900, AA187496, R27633, F15904, N92901, F16228, AI880466, AA513941, AI028160, AA320194, AI942291, W15147, AA515161, AA319909, H27992, AA137126, AA032269, W17092, AA305767, AA317925, AA315585, AA316680, AA385920, AA082685, AA393514, AA319917, R82782, W21107, H58270, W60536, AW385090, AI857611, AA320009, AA125888, H48415, W74517, AI080481, H74142, W23645, F37285, AI831575, AW009545, AW405620, AI766029, AI208938, AI338767, H30492, AI907307, F00610, N86957, AI955298, AI904744, C02928, F31730, AA300671, AW375698, AA778636, AA314317, AW131256, AW173066, AI590946, AI880624, AI566275, N91884, AI610714, AA640156, AI573297, AI475815, H26962, AI923989, N25033, AA804541, AI638798, J02874, A98023, M94856, AF181449, AF102872, AF136241, AP000547, AP000365, I88901, R82963</p>
1612	HWLQW0 8	876804	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 490 of</p>	<p>AI817822, AA148948, N50594, N25959, AA086480, AA148949, AW272750, AA374494, AW105366, AA160920, N50540, AA602221, AA160014, H53938, AI079093, AI015698, AI439431, T89890, AA086479, H83411, AB033097</p>

1613	HOEP07	876807	SEQ ID NO:1612, b is an integer of 15 to 504, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1612, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1636 of SEQ ID NO:1613, b is an integer of 15 to 1650, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1613, and where b is greater than or equal to a + 14.	H52824, R55417 AI290876, AI765569, AI808777, AI338031, AA913566, AA573434, AI568487, AW175945, AI365073, AA845201, AA919010, AW418765, AA236333, AI127241, AI014784, AA687950, AA860243, AI393429, AA236239, AI266211, AA315078, AI802767, AA581469, AA620711, H45711, AI679135, AI572470, AA332122, AI024576, R70552, AA296901, AI809670, AW008766, AI915360, AI687397, AW023240, H45668, H04001, AA297249, AA621680, AW188056, D25944, AW196645, AA506116, H26091, AW193001, R70465, AI784132, AA382289, H03205, AI537449, D58213, AA298492, AA298805, D58295, AA904960, AA298494, AW020800, C03318, AA370634, AFL05036, U20344, U70662, AF117109, AF022184, U70663, L26292, AB028623 AI346844, AW001371, AI991265, AI246778, AI749252, AI832475, AW000710, AI672920, AI991837, AI677743, AI281892, AW000809, AI991841, AI983400, AI673613, AW054915, AI991308, AA857748, AI672894, AI732375, AA534503, AI475425, AI673137, AI732350, AA523410, AI991039, AW001307, AA327452, T28149, AA327059, AI991842, AW374797, AI688199, AI475214, M94132, L21998, I95743
1614	HCQAE79	876809	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 973 of SEQ ID NO:1614, b is an integer of 15 to 987, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1614, and where b is greater than or equal to a + 14.	
1615	HCQDR53	876811	Preferably excluded from the present invention are one or more polynucleotides comprising a	AI738919, AI923216, AW237190, AI769620, AW137673, AI905420, AI905431, AI148633, AW272315, AA587775, AI499299, AW072235, W60565,

1616	HOEFO36	876816	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1473 of SEQ ID NO:1615, b is an integer of 15 to 1487, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1615, and where b is greater than or equal to a + 14.</p>	<p>AA774861, T85091, AA150805, AA666115, AA150811, T33125, AA173650, T84156, R49735, AA150702, Z43018, T35291, H82424, R72617, AI221587, Z38222, Z39956, AA150709, F03307, R48157, T35290, R40351, T35286, H71220, F03153, D61519, AI650460, H71219, AF034745, AF034746</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 699 of SEQ ID NO:1616, b is an integer of 15 to 713, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1616, and where b is greater than or equal to a + 14.</p>	<p>AI453687, AI571506, AI417180, AI453138, AA993886, AL048366, AI587024, AA769711, AA906543, AI333633, AI692876, AW007640, AI399951, AI983818, AI750469, AI433964, AW130422, AI355200, AI567515, AW069544, AI367996, AW338539, AI925385, AI583403, AI014460, AI077522, AI435310, AI969659, AA149832, AI016334, AI016317, AI804042, AW068411, AA131691, AI339632, AI750268, AA476585, AI955590, AA962069, AI753179, AI247016, AI338848, AW073799, AI753153, AW068385, AI378389, AW073223, AI752287, AA600284, AI474336, AI359229, AA569973, AI342311, AI623621, AI753719, N23207, AI587013, AW068131, AA149811, AA723444, AA996275, N90797, AI888908, AI016443, AI961932, AI445548, AI783830, AA252895, AW382060, AA860598, AI417168, AI913843, AI624276, AW078934, AI635286, H88017, AW296238, H38240, AA131706, H88241, H88729, AI251004, AI351084, AA481319, AA194241, AI520853, AW068232, AI566383, AA853382, AA055161, AI610126, AW021156, AW021155, AI359367, AA586748, H78023, T79480, AA853653, AA779368, R40660, W86006, AW023185, AA055064, T94348, AI033179, AA677178, AA976366, R51036, AA156786, AA131536, C00154, AA131612, T28255, AI701212, R40533, C16582, C21348,</p>

1617	HFIAL22	876817	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3508 of SEQ ID NO:1617, b is an integer of 15 to 3522, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1617, and where b is greater than or equal to a + 14.</p>	D25653, H88728, L12350 AI346330, AI149866, AW190828, AA149859, AA625208, AA156875, AA569973, AW237648, AI610126, AI016317, AA315598, AA741426, N28788, AI247016, AI753179, AI160032, AA476585, AI033179, AI130835, AI342311, AI359229, AI016334, AI378389, AA600284, AW376487, AI753153, AI804042, AI474336, AI338848, AW068385, AA677178, AA435731, AI750719, AI752286, AW376482, N23207, AI075364, AI623621, AI359367, AI752287, AW068222, AI587013, AA962069, AA986275, AI750268, AA137125, AI246892, AI753719, AW073223, AA252872, AI417168, AI955590, W19516, AA397612, AA137054, AA316564, W94600, AI750531, AA723444, AI453687, AA860598, AW382060, AI752635, T79570, AI624276, W95178, AW067923, AW294003, T28255, AW296238, AI571506, R51145, H88729, AA331775, AA313295, AA481319, H78022, AA307252, AI351084, AA316570, AA625464, AW023185, N83257, AA448908, R14334, AI417180, AI520853, AI566383, AA055161, AA307888, AA639814, AA853383, AA993886, T79480, AA375731, AA853653, W86005, AW299293, H88728, AA327868, AA055064, AA906543, W86006, AW068232, AL048366, T94703, AI333633, AI587024, AW007640, AI750469, AI453138, AA193298, AA769711, AI983818, AI692876, AW130422, AA131536, C00154, AI355200, AA131612, AI367996, AW338539, AI925385, AA382961, AI399951, AI433964, AA344029, AW068411, AI014460, AI701212, AW069544, AI750269, AA374787, AA040676, AI583403, AI567515, W46226, AI969659, W46227, AI077522, AA149832, H38013, AW073799, AI435310, AA976366, C21348, AA149811, AA131691, D25653, N90797, AW068131, AI635286, AA252895, AI888908, AI783830, AI961932, N66997, AI016443, H88017,
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1618	HWLMN8 5	876822	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 888 of SEQ ID NO:1618, b is an integer of 15 to 902, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1618, and where b is greater than or equal to a + 14.</p>	<p>AI913843, AI445548, L12350, M81339, X96540, L07803, M60853, M87276, M64866, X87620, M62462, AI742117, AW051723, AA933088, AI246040, AI702461, AA612941, AA017379, AI362464, AA173916, AI474790, AI802234, AI863510, AA059061, AI284788, AA724009, L20826</p>
1619	HCGLC91	876823	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1144 of SEQ ID NO:1619, b is an integer of 15 to 1158, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1619, and where b is greater than or equal to a + 14.</p>	<p>AI140351, AI853347, AA530873, AA121548, AI815642, AA768342, AI864674, AA127712, AA722381, AA987515, AW275917, AA417302, AI354682, AI025466, AI859814, AA130959, N92869, AA100477, AW190165, AA768339, AI920875, AI051671, AW089493, AA417265, AA587755, AA045598, N21328, AA314322, AI371694, AA844332, AA043186, AI567303, R83064, AI350331, AW193146, AA580315, AI039892, AA828283, AI952434, AW377665, AI289086, AA100476, AI014387, AA917482, AA975893, N21020, AA621534, AA045597, H94056, AA306867, AW406948, AI564973, AI816957, AA729835, AI289415, AW103201, AI187288, AA661773, H80956, W04309, AW088039, AI018462, AA649285, AI083853, AI952495, AI419448, N47889, R89903, N27984, T40562, D82429, N80197, AA868207, AI955989, AI091426, AI873582, AW138496, H81296, AI288157, AI833059, T91268, R63140, AA130829, D12288, AA298770, AI699667, AI942324, AA310276, W22908, AA074395, D12293, T91580, AA342276, H81350, AA053266, AA353671, AI202414, AI832968, AA342277, AW084334, W25596,</p>

1620	HMHB166	876829	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2246 of SEQ ID NO:1620, b is an integer of 15 to 2260, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1620, and where b is greater than or equal to a + 14.</p>	AA297193, AW351513, AW377656, T98269, D12294, AI866230, AI908913, AI868829, R83013, AI220723, T85780, AA344066, AA382073, AI310801, AA807562, AI908912, W38488, T91628, AA193223, AI864799, C75247, AA370966, AI144388, AA334159, AW381854, AA311797, AW381856, N51146, AA100050, AA314221, AW380232, AA788629, N74141, AI802279, AI818065, AA894373, AW021281, AL122042, AC007842 AA392298, AW272601, AW014611, AI080627, AA430298, AW384668, AI797727, AI608964, AW272675, AW102844, AA176108, AW377459, AI131469, AI084855, H39807, AA625560, AI056544, AI753175, AI091091, N39574, AW071471, H49986, AA910009, AW439892, H17269, AI963968, AI038233, AI037961, AI038179, Z43393, W44646, H23373, AI656018, H01113, AI908070, AI908158, AI206196, AI831184, W28309, H17270, H23766, Z39465, H50029, AA307687, AW270187, H39808, T35734, N46719, AA031949, AA331031, T34994, AA320956, AA032033, H23262, N38880, H16357, AA355879, F02185, H23737, AA307468, W47462, AA127936, AI352060, F05939, F07123, AI342167, H16309, R27641, AA765464, AI342795, AA176107, AW238220, AI061303, W44647, AA746939, AA524800, AA856945, AA054355, H81732, AA664924, AI624800, AW265688, AA515440, AW023975, AA714524, AW166920, AA054055, AA290802, AI478965, N34258, AA564682, R20234, AW338370, AI049845, H01243, AI749527, AW338244, AA588353, AA745302, AI859744, AA362732, AA528566, AA523695, AF155120, AL034423, U39361, AP000505, AL021453, AC007036, Y14768, U63721, AC003982, AC007193, AC002511, AC004841, AC005632, AP000126, AP000204, Z85987, AC005920, AC005291, Y11107, AJ246003, AF001552, AC005318, Z81359, AL109613, AF111169, AL022322, AC005846, AL121655, AC004181, AL031662.
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	AL096701, AC004000, AF038458, U47924, AF001548, AF196969, AC005529, AL049747, AC005921, AL022316, Y18000, AC005348, AL009031, AC007842, AP000359, AC005874, AF134471, AC005091, AC002326, AC004216, U93305, AC004985, AC007845, AL118497, AC002351, AC006388, AC006064, Z83844, Z98949, AC004865, AL080243, AC005086, AL049795, AC005099, AF067844, AL035072, L78810, AC005231, AL121658, AL117337, AL049843, Z97053, AC002302, AC002377, AC005288, AC005822, AL031289, AC003102, AL021546, AF165926, AC005004, AC005081, AC004531, U52112, AL078602, AC006059, AC004814, AC003010, Z93020, AL022320, AL132642, M89651, AC002565, AL049869, AP000117, AC004812, AL049748, Z97054, AC006390, AC006197, AP000104, Z54246, AC016026, AC004081, Z82198, AC004816, AC002492, AC006241, AC007537, AC006023, AL035420, Z99128, AC004019, Z97989, AL031311, Z81357, AC004797, AC003029, AC008122, AC005841, AL133485, AP000688, AC005102, AP000692, AC000353, AL031291, AC002288, AC006071, AC004887, AC002357, AC006276, AC007040, AL031728, AC004837, AC004685, AC005753, Z82190, AL133448, AL023553, Z95114, AC006449, AC005516, U95742, AC002375, AC006160, AC011456, AC004876, AL023807, AP000513, AC004477, AF039907, AL049779, AC006480, AL031281, AL133355, AC007458, Z49258, AC003689, AL049694, AC005225, AC000026, AC004491, AC004770, Z98750, AC004587, AC004921, Z94721, AC010205, AF073485, AC004257, AL021707, AC005736, AC002364, AC004687, Z97630, AL080317, AC002465, AL035405, AC004858, AC003037, Z98036, AC000003, AC003108, AC005180, AC006117, AL133445, AC004021, AC004526, AC004890, AC005280, U80017, AC002551, AC006075, AP000014, AB023049, AC004882, AC005839,

1621	HCQDG08	876830	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1063 of SEQ ID NO:1621, b is an integer of 15 to 1077, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1621, and where b is greater than or equal to a + 14.</p>	<p>AC008040, U91323, AC003025, AC004851, AC005944, AL049569, AC005512, AC008033, AC004167, AL049709, AC005546, AC002073, U96629</p> <p>AI174828, AI300532, AW301004, AW247121, AW184021, AA702640, AI291396, AI245914, AI033187, AA911317, AA017031, AA908694, AI017594, AA826532, AI002533, AI357704, AI033267, R83870, AI268718, R83871, H92338, H52695, T29050, AI651192, W26286, H92737, H68163, W76180, M88700, M74029, M84601, M84592, M84590, M84591, M84588</p>
1622	HE8BX38	876831	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2363 of SEQ ID NO:1622, b is an integer of 15 to 2377, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1622, and where b is greater than or equal to a + 14.</p>	<p>AI870000, AA150252, AI818389, AL037804, AW069455, AA452480, W30731, AI498817, W07047, AL036760, AA044764, AW022281, AI129268, W67847, AI032084, AI032081, AI150677, AW338118, AW067848, AW149812, AI336313, AA700790, AA826256, AA931652, AI139518, AI359798, W94966, W17308, AA902723, AA662948, N21313, AA532767, N36278, W75997, AI970175, AI056480, AA741357, AI148372, AA044727, AA121421, AI089380, W17302, AI042150, N52985, N67294, W68682, AW449003, AI270317, AA121268, AW183001, W68776, AI419420, AI356058, AI349330, AI336371, AI359448, H99951, AI989381, AI131425, R80714, AI147483, AI311537, AA150261, N31548, AA885103, AI418180, AA709414, AI141649, AW338638, N55437, AA001935, N78914, N98212, AI052219, AI367635, AI862034, W76647, R79546, AA780884, AI187177, AI333805, AA045312, N24823, W74064, AI623918, N76810, W93372, AI033256, H50726, H15534, AI349421, H15591, D56381, W67788, W63753, N31248, W61122, AA045418, W69374, W69375, W70299, D56097,</p>

	R16959, R79547, Z26985, AA371284, AW075272, R82468, H03770, AA557276, T54892, AA193674, R71125, H67495, AI903697, AA054724, T88917, AA054671, T60999, AA328030, W73059, AI869152, AA299007, AA088621, AA099163, T28498, AI249109, T47984, N21531, N78876, AA343326, AW023118, R16904, R27685, AA370412, AI537432, R22973, N71889, R36621, N93462, H21723, T84233, AA688295, T47983, R71628, W21232, H02874, AA090586, R27587, R35753, AA383049, R23079, R38472, AI499335, AW369677, AI636170, AA303089, R80715, N88610, AA190565, AI498550, AW175704, R82469, R35646, R58194, AA204890, AA055544, N84016, AW379755, R36622, AA733037, N56466, T60941, R29162, AA218875, AW161156, AI621341, AI473208, AW051088, AI918809, AI135047, AI927233, AI590227, AW075382, AI540674, AI539260, AI475688, AI537677, AI698391, AI538885, AI691131, AI859991, AA128805, AW008779, AI950892, AI475371, AW410259, AI524179, AI521560, AI435253, AI814594, AW238688, AI499890, AI636507, AI797538, AI524654, AL047675, AI623941, AW105460, AI630932, AI866457, AI421523, AI560545, AI670895, AI225000, AI620864, AI648494, AI633125, AI499325, AA836168, AI538564, AL038445, AI915291, AW152182, AI582932, AI590043, AI872423, AI619820, AI434731, AI889189, AI479292, AI866469, AI500714, AI884318, AI452560, AI638644, AI570056, AI370623, AI799313, AW189716, AA641818, W74529, AI860027, AI701097, AI499570, AI633009, AI446538, AI590020, M30269, M27445, X84837, X84836, X84835, AL096744, I89947, AL049339, AR038854, AF087943, AL133624, M96857, Y13653, AR034821, A77033, A77035, AL136884, I48978,

	AB028451, AF079763, A91160, AL117457, AL137480, A91162, AL049423, AL049347, X99226, AL023657, AL050277, AL110280, AL117587, X83544, A08913, Z13966, AF126488, AF185576, AL117435, A03736, Z97214, A08456, A31057, I33392, A08912, A08911, A41579, AF060555, A65340, X79812, AL137478, A76335, S76508, A57389, X70685, AL080110, AL117416, A08910, AC004200, A08907, A08909, AL133637, S36676, AL137530, AL137529, I32738, U35846, A18777, A21103, A08908, X66871, A65341, AL050116, AJ003118, AL050155, A58524, A58523, AR068751, Y10655, AL049283, AL035587, AL049447, AF013214, AL117463, AF031147, AF017790, AL110158, AF004713, S82852, AF151109, U42766, X53777, AF111112, A07588, AL080146, AL080159, AL137271, Z82022, M85164, AF183393, AF184965, AL137533, AF177401, AF061981, AF090901, AL050092, AL137267, AF125575, AR050959, AB016226, AL137557, AF065135, AL122104, I48979, AL117649, AL137574, AL122100, E07108, U62807, AR068466, AL137479, AL110218, AL137550, I89931, S77771, E01614, E13364, I89944, AC006288, I49625, AF026816, AF090934, AL050138, E12580, E12579, I09499, U58996, AL049276, AL137300, S83456, Y08864, X63162, E12806, U86379, AF026124, AL137711, AF044323, AL080126, AL133072, I18358, I34395, AF032666, AF057300, AF057299, I89934, AL031346, X61970, S71381, U75932, X97332, AF078844, AL137657, AL049324, X82434, AL110196, AL049430, AL110296, AF111849, U87620, Y14314, AL137722, AF116573, AJ005690, X72889, I77092, AL137537, E12747, A92311, AF082526, AF118094, U67958, I36502, AL137459, U55017, X67688, AL117460, AF047716, A58545, AF124728, AB026128, AL137476, A90832, AL133623, I79595, AF002985, AF100781, AL050172, AL110197,

1623	HMVCR68	876836	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1244 of SEQ ID NO:1623, b is an integer of 15 to 1258, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1623, and where b is greater than or equal to a + 14.</p>	<p>AF106697, U68387, X01775, AF139373, AL137665, X06146, X96540, S61953, A86558, A41575, X00474, AL133080, AF076633, AF159615, AF080622, U37359, AL050146, U73682, AR068753, AL122093, AL133112, AL133665, L04859, I29004, X66417, AL133559, AB019565, A12558, AF113019, AF100931, Y16645, U70981, Y11254, AL122050</p> <p>AI761567, AI149359, AI401619, AA740595, AA588565, AA424137, AI299200, AI143920, AA021117, AI913301, AW151208, AA425305, N47966, AI436446, AI685061, AF052498, AW081049, AW084051, AA451690, AW182326, AI332899, AA169542, AA169443, AA954593, AA042910, AA455865, AA149424, AI432492, AA460942, N47904, AA319689, AI377265, AA042923, AA461248, H20482, AI702363, AI371418, H85541, AW351484, AA151489, AI955508, AA385706, D79614, AA369939, AA834737, AW175964, H50494, AI291715, AI418716, AA861788, AW339974, AA369940, H87923, AA452637, AB033080, D42138, AF011794</p>
1624	HFCAl79	876837	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2455 of SEQ ID NO:1624, b is an integer of 15 to 2469, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1624, and where b is greater than or equal to a + 14.</p>	<p>AL048933, AI271440, AI092964, AI741387, AI760926, AI333315, AI680148, AA889492, AW190196, AW365955, AL048932, AI416991, AI923885, AI445890, AI138940, AI687147, AW365982, AI082757, AA280201, AI559407, AA553490, AW079043, AW001900, AW027109, N25109, AW365942, AI079486, AW451587, AI566301, AI623964, AI032887, AW365973, H22632, AI498456, AI270190, AW023890, AW137893, N40556, H47810, AI336798, H52365, AI933592, AA371581, H52364, AA904952, H22633, AA338820, AI537552, R16961, T82008, H96979, AI565231, AA377237, T81883, T71558, R16906, C01340, AI761493, AA280380, N46600, H48145, AW021702, AA887860, AA377236, T71263, H42623, T71208, AC004849</p>
1625	HBIOH43	876842	<p>Preferably excluded from the</p>	<p>AL049077, Z43264, AA362903, H44830, AA347303,</p>

1626	HOEMJ36	876856	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1267 of SEQ ID NO:1625, b is an integer of 15 to 1281, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1625, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1341 of SEQ ID NO:1626, b is an integer of 15 to 1355, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1626, and where b is greater than or equal to a + 14.</p>	<p>W23148, AA369128, Z99916</p> <p>AA910951, AA843679, AI348072, AI125272, AI042167, AA845606, AW129714, AI927609, AA868244, AI978910, AIS25551, W06825, AA843914, AA779705, AW130928, W61040, W91932, AI831445, AW247636, AA186566, AI359205, AA523378, AI186133, AI160604, AI041480, AI198816, AI378985, AI207388, AA720662, AA181832, AA928300, AA890438, AI688759, AA393736, AA151916, W73728, AI184656, AI473972, AW272617, AA719242, AA890475, AA933747, AA534300, AA987916, AA622766, AI371055, AA878593, AI811357, AI829846, AI246201, AA987453, N21142, AA191541, AI345998, AI142485, AA307417, AA393794, AA102496, AA934733, AW082787, AW362863, W96444, AI343759, AW073775, N26594, AI624204, AI075412, W73785, AA706402, AI075444, AA312077, AW370975, AI304681, AA305477, AW370958, AI339961, AA988926, AI798191, H96572, AI631255, AA916632, N21361, AA393864, AI242708, AI186143, AI344381, AI002050, AA829718, AA666025, AI301839, N31157, T51961, W96541, AI186650, AA450264, N70868, AA189020, W35262, AI335966, AA868435, AI243742, AI718683, AI285022, AW380029, AI708661, W79062, W56704, AA450265, AI203443, AA313952, H05891, AA029676,</p>
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	AI924457, AI253584, AI750319, W74474, AW380015, AA541387, AI915283, AA953221, AI095790, AA687834, N63798, H72663, AA627355, N33299, W56739, N44829, H10500, AA223727, AW002227, AA961262, AW440854, N92556, C17191, AA223815, AA156119, AW263927, AW007959, AA035712, AI750318, H79841, H50961, AA703995, AA305808, AA024948, R91859, R96677, W56383, AA332390, AW440710, T28956, AA912076, N57269, N92539, W94895, R91038, H13004, AA082120, R92698, AA355945, AW337859, AA024991, AA321569, AI932893, AA459672, AA459794, AA189019, T90302, N78866, H78774, AA361890, N49784, AA305857, AA361459, AA765973, AA361675, AA352730, AA771826, H72664, N94156, AI613134, N50485, AA628033, F02479, C17291, AA063528, R56364, AA459660, W39039, AA642158, H62620, AA352976, AA628038, AA729743, AA147291, T82974, AI749422, H96696, AA352839, N87245, W23447, AA627654, AA459783, R57554, AA729543, T52041, AA143387, N39666, W24824, AA742384, W17271, H62547, AA191268, N50430, AI468860, N54292, AW382069, N70049, H79840, W39006, T25454, H62619, N28023, AA353584, T63976, AI337484, AW059803, C20551, R85599, D25569, AA353199, H78693, AA091252, T63965, R91039, N49681, AL119863, AA024971, T64044, AW366372, AI925164, AI591101, AL043152, AL120254, AL042944, AI491904, M15796, X57799, AL034410, AR009805, Y00047, X53068, X57800, J05614, D17061, X67329, D28458, M29310, D17232, AR034530, AF113690, AJ005690, AL133640, E05822, AL110296, I48978, AL137530, A65336, I08319, AF069506, A21101, AF090900, AL137558, AL133619, AR034821, I89947, Y16645, A03736, AF028823, I09499, AL050393, AF118090, AF031147, AF177401, A86558, AF067728, A76335, I32738, AL122110.

	AF159615, X59414, AL117435, S36676, AJ000937, AL137523, AF117657, AL133568, U78525, A12297, AL080146, AF176651, AF183393, AL137294, U35846, I48979, A07588, E04233, A77033, A77035, AL137254, AL117457, X80340, AL133016, AF146568, AL050138, A18788, AF114170, A57389, AL096744, AR038854, A08907, AF175903, AL122104, S82852, AL080158, AL137529, AL137292, AL137267, AF026816, U76419, AL137560, AL049347, I30339, I30334, AL023657, S77771, AL133665, E01614, E13364, AF182215, U49908, A18777, AL096751, AF055135, AL133080, A76337, X84990, AB007812, AF106657, AR068753, X72889, AF017437, AF118094, AL137478, AL117587, AF162782, A08913, AL117460, M96857, AL137533, A65340, D44497, Z97214, X72387, L04504, AF067420, AF104032, AF113019, X99257, AL080110, Z82022, AB025103, X59812, AF106697, AF026124, A08912, AL133113, AJ012755, AL137537, A15345, Y10655, AR013797, AF126247, AF145233, X66871, AL049283, AL050190, AL080159, AF087943, AL122106, AF200464, AJ003118, AL050108, AF039138, AF039137, AL096720, A08910, AL110218, I29004, A08909, AL110196, AL133557, AF090886, U73682, D16301, AL137480, S76508, AR011880, AL050208, X81464, AF113694, X87582, I33392, AF115392, AF192557, AF153205, AL137479, A70386, A08908, AL050024, X63162, AL137459, X55446, AF017152, X65873, AL133560, AF111112, AL122050, I26207, AL117416, AF151109, Z37987, AL110225, U72621, AL110280, A08911, I89931, AL137555, AL049382, AL050172, AL137554, AL117649, AF090903, Y14314, AF044323, AL110224, AL050092, AJ006417, AF102578, X53587, D83032, X66417, I89934, AB030279, I49625, AL049324, AL133070, AL137271, AL080234, AL080156, AF061981, AF090896, AL050155, AL137550, A23630,

1627	HWHPZ02	876858	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1174 of SEQ ID NO:1627, b is an integer of 15 to 1188, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1627, and where b is greater than or equal to a + 14.</p>	<p>S78214, D55641, M19658, Y10080, AL133637, AL049339, AF097996, AF038847, AF141289, AF118092, X52128, AL110221, AL050149, S83440, AL137660, Y07905, AB029065, U88966, S75997, AB016226, AF100931, AF113677, AL117463, AF001215, AL049314, Z72491</p> <p>AW043824, AI094162, AI150332, AW152394, AI363370, AI340929, AW341579, AA904074, AI015843, AI039705, AI192155, AI338344, AI038188, AI144479, AA922221, AA804396, AA768639, H29728, AA256891, AA708611, H29729, AA902548, AA641864, AA256375, AA310759, AL038838, AL038983, AA641863, AL037727, AL038532, AI142134, AW316536, AA654177, AL038822, AL043814, AL043923, AL043845, AL040617, AL044186, AL041238, AL047012, AL041577, AL041459, AL044064, AL040294, AL041635, AL044037, AL047170, AL040463, AL040768, AL046850, AL045753, AL041752, AL045684, AL040625, AL047219, AL040052, AL043570, AL043848, AL041374, AL043627, AL041523, AL041730, AL044074, AL041602, AL043492, AL040839, AL043677, AL040472, AL043467, AL040510, AL042135, AL043538, AL047183, AL040464, AL045671, AL046442, AL040621, AL046994, AL040444, AL041133, AL039316, AL041324, AL046392, AL046914, AL040322, AL044258, AL044272, AL040119, AL041098, AL041096, AL045817, AL040148, AL045920, AL049018, AL047057, AL044199, AL044187, AL040458, AL041163, AL040576, AL041955, AL045990, AL041292, AL041358, AL040332, AL041142, AL041346, AL040529, AL041159, AL044274, AL037436, AL041168, AL040745, AL046330, AL041197, AL040128, AL040571, AL042096, AL047036, AL040342,</p>
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				AL040553, AL041186, AL039360, AL040285, AL044165, AL040091, AL040090, AL040414, AL041131, AL039744, AL044162, AL046327, AL037435, AL040149, AL040155, AL041051, AL040168, AL044201, AL037335, AL043775, AL043496, AL040253, AL040082, AL037443, AL039432, AL041227, AL045857, AL040329, AL079878, AL041296, AL037343, AA471208, AL041086, AL040193, AL037323, AW129525, AL040075, AL040263, AL040370, AL040255, AL038761, AL041233, AL041140, AL045725, AL039915, AL043612, AL041246, AL037295, AL041277, AL039338, AL041278, AL045989, AL049069, AL039643, AL079852, AL040238, AL043537, AL041210, AL046147, AL041347, AL043941, AL037341, AI028338, AL080031, AL134524, AL044125, AL037279, AL047037, AL043444, AA257137, AA629169, AL046097, AA257022, D79670, AL044529, AL045328, AA094619, AL046360, AL045994, AL042898, AL046150, T23985, AL043440, AA585439, AL045211, Z30131, T19415, N87157, Z28355, T23957, AL042712, AL038745, AA585101, T11028, AI547039, T23888, AA585453, AI541374, AI525431, AI525556, AI540967, AI546855, AI541365, AI525306, AI541523, AI541514, AI541509, D61254, AI546999, AI535639, AI557731, R29445, AI526194, AI556967, AI541508, R28735, AI546945, T41289, AI546828, AL040385, AL047163, AL079953, R29177, AI557787, AL134110, AI526073, AA585476, AA174170, AF161482, AC006530, AR062871, A20702, A43189, A43188, A20700, A98420, A98423, A98432, A98436, A98417, A98427, A84772, A84776, A84773, A84775, A84774, AR067731, AR037157, AR054109, AR067732, A58522, A91750, A86792, AJ244004, A98767, A93963, A93964, A85395, A85476, AR062872, AR062873,

	A25909, A81878, AF082186, A64973, A58524, A58523, AJ244003, E14304, I44516, E16678, I25027, I26929, I44515, I26928, I26930, I26927, X83865, D78345, AJ244007, Y16359, AR038762, E03627, M28262, A60212, A60209, A60210, A60211, E13740, I48927, I63120, AR017907, A18050, A23334, A75888, I70384, A60111, A23633, AR007512, I15717, I15718, A02712, A77094, A77095, A95051, A18053, AJ244005, I08396, I84553, I84554, I00682, A11623, A11624, E00609, A11178, E01007, I13349, A10361, I06859, A35536, A35537, A91965, A02135, A02136, A04663, A04664, I08395, AR043601, A93016, A11245, A92133, I03331, A02710, E12615, AR035193, A07700, A13392, A13393, AR031488, I13521, I52048, A27396, AR027100, I49890, I44531, I28266, I21869, A82653, E16636, I44681, A90655, A70040, A24783, A24782, A95117, I62368, AR038855, AR031566, AF149828, I01995, I08051, I18895, I60241, I60242, A20699, E00696, E00697, E03813, I66482, AR009151, I66485, I66483, I66484, I66498, I66497, I66496, AR038066, AR027099, I66487, I66486, AR064707, U94592, AR051652, AR051651, AJ230935, AR008429, I05558, AJ230902, AJ230972, A68112, A68104, AJ230951, E12584, A22738, X07299, AJ231009, I08389, Z32836, D13316, AR035975, AR035977, D50010, AR009152, I15353, AB025273, AR051957, I18302, Y09813, AJ238010, X81969, I19525, AR066494, M20328, X13697, J04205, X69804, X97869, AR035974, AR035976, AR035978, A70872, D13509, E17098, X14684, AJ231028, I66495, I66494, A22734, AR022273, X91336, AJ230867, AJ230845, A70869, I36244, A29109, A32111, AR051864, D17247, A93923, AR051865, A06631, S60422, A83642, A83643, AJ231011, I66488, I66489, I66490,

1628	HLTAZ90	876865	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1375 of SEQ ID NO:1628, b is an integer of 15 to 1389, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1628, and where b is greater than or equal to a + 14.</p>	<p>I66491, I66492, I66493, I66481, A83151, A93916, AR063812, AR028564, A24548, A24546, Y14219, A93931, I05845, X91337, AC005541, AA971815, AI032717</p> <p>AA873435, AA600839, AI768313, AI146480, AW058474, AA773760, AA902399, AI815095, W07335, AI936013, AI887319, AW247888, AI290267, AI949176, AI140850, AI383970, AA478888, AI335758, AA455467, AI131375, AA446062, AI375904, AW273478, AI569525, W92189, AI080606, AA446800, AI922678, W48604, AI669705, AI088017, AI079611, AI357729, W94886, AA778027, AI420677, AA662489, AA199802, AA199694, N99008, AA455466, W48605, AA737911, N22398, AI097343, R69048, AW079086, W81498, AA478769, AA602304, AA770587, AA568808, AI983493, AA903872, AI718164, AA577394, AA658448, AA579036, AA814776, AI687665, AI275990, AI127693, AI040179, H06586, AI188614, AI383744, AI160662, T16066, AW162694, AI209061, AI948507, AA432116, AA429907, AI571660, AA577605, AI926880, AI949479, AI991410, AW002319, W79730, AI675994, AI659734, N75810, AA999862, AA417649, AA582611, AI400342, AA749354, AA923020, AI537750, AI579976, AA953148, AI915035, N69819, AA256988, AA419605, AA133662, AI433790, AA193288, AA773001, W21280, AI470356, AI207126, AA470409, AA806422, T94567, AA074998, AI432068, AA725585, AA757124, N75636, T07950, AW265105, T07544, AI611358, AI954778, R50657, H06531, T27805, AI220764, W81497, H00562, AI120252, N80002, AA682966, AI440285, H12517, AA492209, AI784270, AA361222, AI915044, AI524835, T59434, AA035575, AA364008, D12231, AI702267, AA482915, AI420160, AA482927, AA501348, T94257, AA641987, AA369109, AA482933, AI932950, R29196, D12095, AA343259, AA588441,</p>
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1629	HHFUM32	876866	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 607 of SEQ ID NO:1629, b is an integer of 15 to 621, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1629, and where b is greater than or equal to a + 14.</p>	<p>T09050, AI239988, AI572155, T33940, AI917677, AA035065, AI915005, D57719, AA490946, AA635076, AA491134, AA659260, R15055, T59489, M78942, AW361295, AA534940, AW262956, AA629172, AA902888, AA736627, T09051, AA491132, AI557731, AC004081, AC007666, AC000052, AC004019, AF055664, L08069, D13388, U53922, AA446079, AA429922</p> <p>AA525015, AI097213, AI186110, AI205864, AI460279, AA454512, AW003859, AI143331, AI305240, AI337532, AI279156, AI333362, AA770652, AA483013, AA846308, AI024319, AI380066, AI184498, AI204185, AI332737, AI025452, AA701068, AW298191, AA314391, AA780879, AI204046, AA722950, AA903838, AI368078, AI073640, AA010086, AA911716, AA948332, AI188877, H45102, AI094300, W52409, AI311092, AA622052, AI302571, AI369905, AI560241, AI138619, H48026, H41034, AI749308, N76689, AI354731, N31297, AI141562, AI347212, AI191310, AI092132, AA875920, AI346333, AI344362, AI186141, AI184174, N50933, AA854247, W32499, H93326, AA740175, AA765339, AA886065, AI718470, N54609, F32533, AA229525, AA604454, AA995306, R97891, AA854498, AA688403, H48027, AI312692, N46264, AI027037, AI192124, W7745, AA629102, AA975984, W05153, N45023, R68274, H57270, AI355659, AI192244, AA722963, N22908, AA046489, AA362565, W99330, AA075564, H18704, H18336, AA483751, AA024768, AI904485, R94597, AA887933, H41035, H23703, N84980, N69892, AA311757, H18805, F36632, R26083, AA046701, AI702033, H18369, AA327843, AA299086, F33066, R68309, W52410, AA877022, AA643367, AA079015, AA339134, AA641985, H26911, H57271, W99372, R96486, AA339947, W02163, AI220631, W05365,</p>
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1630	HHFAB62	876870			<p>AA772749, H93830, F26046, H58286, R94598, H28518, H23704, AA083351, AA075559, AA296237, N46263, AA352775, AA024767, F33965, AI557901, F24493, AA216428, F28514, AI750084, W72101, N98865, AI342158, R47744, AW265596, AA083549, R50391, AA083447, AA659764, AA302180, W31292, AA041272, C00512, AA709422, F18524, AL080089, D13118, X69907, X69904, X05218, D13123, L19737, M16453, T80797, T81201, H27411, R97890, N41011, N52542, N78879, N93425, N95193, W24594, AA079016, AA887623, AA216270</p> <p>AA346386, AW300186, AW364750, AW364745, AW374001, AW364749, AW373998, AL046035, AW373994, AW364756, AW373996, AW373989, D79991</p>
1631	HWLWJ70	876873		<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1144 of SEQ ID NO:1630, b is an integer of 15 to 1158, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1630, and where b is greater than or equal to a + 14.</p>	<p>AA527360, AW051577, AA757918, AI590246, AA482382, AA417897, AA834979, T33217, AI933007, AA886393, AI242582, AA912932, AA552566, AA026889, H12586, AA770351, AI122821, Z45211, AA810545, AA089741, AA026890, AW235276, AA442516, AI081311</p>
1632	HCRPV85	876876		<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 665 of SEQ ID NO:1631, b is an integer of 15 to 679, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1631, and where b is greater than or equal to a + 14.</p>	<p>AI138310, AA579608, AL080041, AA150112,</p>

		<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 4587 of SEQ ID NO:1632, b is an integer of 15 to 4601, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1632, and where b is greater than or equal to a + 14.</p>	<p>AI914754, AA310336, AW139942, AI669978, AA150453, N21199, AW337765, W60839, AA007492, AI245978, AW340469, H39087, AI857928, AW402945, AI857929, AA884547, AW044377, AA708593, H06461, AI554400, AA806848, AA292984, AA281307, D53188, AI074110, AI359733, H37969, AA911725, AA194095, AA757126, AA815284, AW166409, AI362093, AA258691, AW386068, AA614128, AI937918, AI218676, AA429422, AI361580, AA156587, AA931474, N27470, AA313613, N31349, AA936569, AA007448, W69685, D52529, AA171394, AA367949, AA150166, W47135, AA428365, D53165, AI253039, AA937690, AI752560, AA312520, AI039854, AI282901, AA884648, AI094728, AI201298, AI273365, AI346383, AI421258, AI310120, AI361451, AI285056, AA040411, AA789206, N88385, AI418521, AI973164, AA227133, N99005, AL038896, AW362878, AW403348, W24127, AL119637, AI016520, AA541481, AA309620, AA150397, AA306805, AI400189, AA284235, H51237, AA331743, AW023315, R67309, AA373361, AA156654, AA730527, D57421, AL045286, N92003, W69686, AA332449, AI368439, AA281258, AA040303, H63313, AA359717, AW362873, R74438, AA770542, H06565, AA363548, AI339537, AI023267, AA884006, D58110, AA922473, W60840, D58261, AI346133, AA722328, AW207758, AI753879, H06510, AA853720, AA332495, AA999738, AA331529, AW151651, D52528, AW391062, AA330258, Z45721, AA626164, AW390953, AA484242, AA382542, AW090257, D79754, AA227234, AA355615, D56466, AA313395, AA382088, AA169821, AI873035, R74343, AA354337, D53067, D53164, AW386086, AI749497, AW021983, H68127, AI149688, AA365933, H11545, R26679, R36441, AA705035, AI799252, AW403752, T30044, T85823, AA359673, R57470, R25867, Z42383, D53068, N71806, D53095, C03662.</p>
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1633	HCE3V58	876878		<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 362 of SEQ ID NO:1633, b is an integer of 15 to 376, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1633, and where b is greater than or equal to a + 14.</p>	<p>AA263144, AA111835, D81554, T83223, AA910604, AI056722, N21394, AA354104, AW270594, AI571557, N63858, AA503313, F23396, AI973191, AI590666, AA290658, R60888, AA382087, AA677495, AA290659, AL037148, X74262, X71810, U35141, AF097750, AE000658, U85195, AC005277, AA045875, AA398311, AA703653, AA853719</p> <p>AW301835, AI308020, AI860966, AA134268, AA878213, AA694197, AA088689, AA133904, AI285166, AA133903, AA302740, F26419, AA582580, F35821, H90906</p>
1634	HKGBE11	876882		<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3629 of SEQ ID NO:1634, b is an integer of 15 to 3643, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1634, and where b is greater than or equal to a + 14.</p>	<p>AI524051, AW007724, AI609303, AI560001, AI401617, AI936772, AI735659, AI249001, AW021551, AI247535, AA889466, AI770052, AA856594, AI923848, AI393945, AI963008, AW007900, AI802150, AW246695, AI589917, AI186661, AI680189, AW058621, AW081918, AW248728, AI160059, AA128006, AA812522, AI191795, AI128436, AI274108, AA909840, AA405642, H99041, AI015928, AA931655, AI262534, AW026999, AI423370, AA453200, AA131241, AA579953, AA702093, AI026873, AI161187, AA455704, AA455317, AI373875, AI359209, AW020484, AI204219, AI475739, AI125919, AI306480, AI123115, AI075685, AI183377, AI093279, AW137484, AA915929, AA745983, AW168028, AI191687, AI659743, AI346563, AI923367, AI472034, AI370998, AW169284,</p>

	AI690264, AI356799, AI298090, AA847328, AI143203, AI573004, AA526151, AA701656, AL036355, AA398429, AA781758, AI248617, AA972778, AI120931, AA813433, AW364708, AI625940, AA975860, AI051123, H18709, AI624093, AW005429, N68529, AI299217, AI149399, AA988712, AI355692, AA886616, N90938, AW373562, AA687849, AI583218, AI566456, AI167133, H27061, AI355703, AA757226, AA781558, AI086933, AI097546, AI811692, AI375753, N91144, AI342620, AA126641, AI421652, AW131426, W32307, N33217, AA888625, W04345, AI348671, W17386, AA804381, AA305682, AW016631, AA291227, W68759, AI004166, AA427526, AA454983, AA479068, AI298478, AA732854, AI080704, W68454, AI084772, AW084472, AA479223, N27564, AI184963, AA505251, AI022978, D53877, AA126497, D52932, AA828985, AW193312, AI073734, AI245609, AA454161, AI589126, AI690281, N92279, AA745905, AW057830, AA467899, AA938231, AI187073, AI130568, AA610387, AI128029, AA761970, AI890992, AA847408, N47754, N41931, AI750050, AA456530, AA971614, AF139790, AI435647, AA837736, AI017762, AA828994, AA618297, AA614659, AA788753, AA601557, AI682609, AA454984, AW168929, AA678000, AA708844, AA151101, AW152083, AA143003, W42712, N66889, AI298694, W17235, AI348194, H97544, AA036731, AI902984, H18598, N89744, AI435894, R69930, AA535636, D62527, AA514269, AI720059, AI433476, AI248821, AI245176, AA403052, AI263846, AA150090, W17187, W16652, AA962557, AA031722, AA089961, AI287545, T75133, R75976, AA968981, AI245198, AI814870, AA894619, D54851, AA447055, AA701210, AA578436, AA150159, AA467843, D53769, N22090, D52639, T28569, AA889910, D56802, AI890986, C01613, H88627,

1635	HRAEG13	876886	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 4037 of SEQ ID NO:1635, b is an integer of 15 to 4051, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1635, and where b is greater than or equal to a + 14.</p>	<p>AI267864, H46858, AI075972, AI242237, AI185100, AI272966, H39601, H88628, AA968979, W19238, AI784586, R07700, H03189, AA211540, AA131165, AC004520, M29065, M29064, AF073993, AF192348, D28877, U09123, L02954, L02955, U09122, AJ009300, U09121, A74625, A74773, AF169290, AF211856, R10578, R10579, R12625, R20526, R22887, R23576, R25216, R27302, R32649, R33333, R33334, R52479, R20526, R66241, R69882, R76807, H03988, H04178, N34507, N40385, N74179, N74343, N75875, N93493, W00725, W02101, W04813, W04852, W05055, W17019, W20426, W24457, W25432, W42905, W81443, N90151, AA036938, AA167390, AA483158, AA632646, AA765452, AA808476, AA888709, AA935276, C02214, C04584, R29188, AA089571, AA092059, AA211492, AA216333, Z20376, AA703571, AA844237, AA889282, AI032462, AI051314, AI084281, D20533, T24609, F01310, F12801, F11075</p> <p>AL079429, AL079428, AI962210, AW409971, AW409972, AW362305, AW410672, AI924517, AA406225, AW025356, AA405914, AI951876, AW410671, AI523918, AI890911, AI923197, AW206660, AI569743, N94878, N99556, AW301065, AA405354, AI936512, AW206646, AI872449, AW193338, N63552, AI207878, H29821, AA405693, AI184142, AI287700, AI039152, AA764984, AI347352, AW387060, AW386988, AW387093, AI081389, AA350220, AI148131, AA783037, AI243796, AI277386, AW387033, H69679, AA985309, AI635584, AI372628, AI372627, AA405353, AW408699, AA777168, AA350036, R56710, AW207334, N40073, AA781626, F11487, AA654125, R94204, R56864, R55500, T66335, H92624, AA350276, R81346, AL121276, AA350037, F09706, AI298408, AI873379, R51360, T87412, M78454, AI287710, F12065, H50110, AA351242, N22306, F09146,</p>
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1636	HLIBZ07	876888	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1228 of SEQ ID NO:1636, b is an integer of 15 to 1242, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1636, and where b is greater than or equal to a + 14.</p>	AA234354, N26102, N55429, AL120770, AW387043, AA405389, H50154, H43762, AW387110, H72992, AA227365, R79738, R79737, H44600, H70095, R50621, AI184049, R45951, H29909, T66284, AA744978, N71548, H72991, AA368705, AA936885, AI739624, R55499, AW007986, T83200, AI863755, R50454, R50527, T36310, R50455, T85587, T77076, AA936368, H43432, AA464051, T87308, T07160, T78532, AA321966, AW268156, T85586, H43431, F26601, N40316, AI832126, AI372626, AW376436, N54476, R81601, R51465, R94300, AW367002, AA324819, N76802, AW073570, AI654772, AI473579, AA555237, AW102939, T77381, AA548001, AI985527, N76587, F35806, H92406, AW366992, AA302603, AW367067, AI937249, AW389336, AA862606, AB032950, AF128625, AF021936 AA946784, AW375919, AA527581, AA904758, AA209387, AA563949, AI833239, AA740268, AA527668, AW372169, AA948567, AA894539, AI745625, AA468774, AA725505, AW376020, AA164354, AA946619, AI348033, AA594622, AA453342, AW160477, AA937588, AA862503, AW375573, AI189061, AA988737, AW162844, AA588618, AW363501, AW375476, AA677897, AI310309, AI123763, H59915, AW161438, AW160982, AW160317, AI907434, AA780152, AW363508, AA526226, AW295010, AW176047, AI472327, T65562, AI005477, AA349978, AA928712, T08552, AA610643, AA307984, AA385290, AI905918, AA211030, AA349672, T65630, F12026, AA434132, AW365033, AA338674, AA453217, AA384272, AA339261, AA367135, T03912, R78158, AA367413, AA357314, H27129, R91610, AI766762, D51350, AA308647, D55070, AI214104, AW176070, R96738, AA343589, T03852, AA384370, AW264753, AW376759, AW376799, AA340742, AW363574, AW372990, AL048628,
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1637	HTPFB46	876890	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2110 of SEQ ID NO:1637, b is an integer of 15 to 2124, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1637, and where b is greater than or equal to a + 14.</p>	<p>AW376653, AA362098, D54438, AI905702, AA300134, AA747175, F09672, AA384504, AA233381, AI870184, T79091, AA367166, T84398, AA451673, H25082, R45919, S75311, AR037563, L33930, D87667, X69397, Y14692</p> <p>AI718712, AW444886, AI983059, AL135147, AI085966, W07327, AI492267, AI360984, AA564235, AA573268, AA406085, AI678761, AA577144, AI091819, AA297803, AI289839, AA037033, AA804950, AA533437, AI242554, AI223449, AA410390, AA644395, AI216720, AW005660, R77919, AA878891, AI468125, N51728, R32385, N25411, AA256925, AI811527, AI142611, AA954723, AA256501, AA317506, W52143, AA421853, AI623878, AA932178, R78020, AI089059, R32384, AI242914, T81104, F34121, AI468126, F25882, N75820, AI335792, F35752, F18999, AI984724, AW305237, AI345730, AW268284, AW166690, AI349242, AW086410, AW272065, AI310836, AI345115, AI223675, AI308339, AI312490, AI252159, AI345249, AI307405, AI580578, AI252423, AI252373, AI349681, AI252335, AI250483, AI252345, AI583501, AI583500, AW302935, AI583889, AW303168, AI348995, AI349742, AI309420, AW269095, AI336494, AI335439, AI349287, AI306795, AW274358, AI349945, AI252286, AS8884, L40823, U06846, AR051950, L40817, L44140, X87196, X74606, X90393</p> <p>AI129800, AW027959, AI927949, H92980, AI650270, AI708393, AL138076, AA524072, AI831594, AA749139, AI926721, AI399955, AI302816, AA262795, AI862160, AI093249, AA828301, AI625105, AA904444, AA772552, AI816834, AI084565, AA314418, N30447, AI242763, AI810709, AI653617, AI129801, AA443839, AI289975, AA281653, N25206, AI758575, AA026905, AA737455,</p>
1638	HDPSS23	876892	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1421 of SEQ ID NO:1638, b is an integer of 15 to 1435, where both a and b</p>	

			<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1638, and where b is greater than or equal to a + 14.</p>	<p>AI474418, AI619613, AA039864, AW000990, AA039860, AA291708, H86861, AI032004, AA452814, AW084297, R97735, AI640264, AA336497, AW080103, AA026904, AI052445, H73499, N54837, R92739, H73311, AA040230, AI311105, C21440, AA338774, H94209, N69415, N91446, R76435, AW029069, R96804, AA281785, AA680378, T18545, AA338773, T10789, AA610255, AA568204, AA570740, AA483606, T47138, AW151018, AI355246, AI445373, AI915081, AA219349, AA664126, AA582746, AW275432, T94394, AA558404, AA837771, AA214453, AA857812, T94394, AA482792, AI249688, AI567391, AA630854, AA683069, R67701, AA515939, AA425924, R77139, AW069227, AA714073, AA297006, AI285493, AI298079, R79929, F35097, AI634377, AI791659, AW104163, AI671077, AL048060, AA809186, AA831408, F35684, AW084967, AA523695, AI962030, AA846923, AA533040, F24745, AI889579, AA102737, AI185394, AA491767, N51636, AI538236, AA558366, AI880761, AI735092, AA376358, AW272815, F23338, F31066, F37059, AA612578, AA668587, R79255, AA196552, R93919, AW075729, AI433131, T71936, AW419389, AA632556, AI634187, AA302978, AI457313, AI620992, AI358542, AA769141, AA342238, AA583386, AI312090, AI049630, U91323, AC004686, AL080245, AL035587, AC002073, Z81357, AC007993, AP000113, AP000045, AL049748, AC010582, AC005778, AC004797, AL021939, AC005702, Z82901, AC007774, AP000030, AL008718, AP000250, AC004232, AC004079, AC006344, AC005759, AC002365, AC007193, Y07848, AC004598, AL096701, AC002565, AC005799, Z73900, AC007390, AL031721, Z93016, AL118497, AC006501, AC007566, AC005740, AF067844, AC005011, AC006077, AC000064, AP000133, AP000211, AC004859, AC006333, AC007179, AC000025, AL049776,</p>
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	AC005527, AC003688, AP000346, AC005412, AL050318, AC005225, Z84488, AL020995, AL031186, AC002381, AC005057, AC005231, AF045555, AP000300, D88270, AC004485, AC005207, U91326, AC007917, AC000003, AC002544, AC004816, U03115, AC004253, AL035249, AL078593, AL049869, I34294, AC006530, AC005668, AF128525, AC005695, AC005529, AL034417, AC005291, AL031005, AC005184, AC005072, AL023879, AP000689, AC005519, AC004551, Z83838, AL031295, AC003029, AL035458, AC003690, AC003957, AF030876, AC004655, AC007425, AC004964, AL022721, AL096791, AP000547, AL022318, AP000255, Z82976, AL049576, AF196972, AC005924, Z99716, AC002395, AC004383, AC004881, AC002288, AC004522, AC004828, AF031078, AP001039, AL031311, AC005015, AL023807, AL049553, U62293, AP000502, AC005081, AC007055, AC007537, AC007738, AC002350, AC002504, AL135879, AL121790, AF207550, AC004386, AC000353, AL031230, AC005071, AC002115, AC005756, AC002072, AL023575, U66060, AP000213, AP000345, AC007227, AC007075, AL031587, AF184110, AC005409, AL133448, AL080243, U91319, AC006960, AL034420, AP000135, AL121652, AC005480, AC006571, AC006312, AC000035, AC007565, AC005726, AC004745, AC004865, AC002551, AC005180, AL031685, AL021920, AL024498, AC004129, AC007563, AP000031, Y10196, AC005609, AC002418, AC007637, U51244, AC004815, AF001548, AC005696, AL135744, Z83847, Z68324, AC004878, AL049729, AL034400, AC005632, AC008012, AC004491, AC008372, AL031297, AC004777, AL031293, AC002984, AL133163, Z97183, AC003692, AC007057, AL024474, AC006961, AL135959, AL035455, AC000111, AC004896, AC008975, Z97056, L44140,

1639	HCEIC29	876901	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1617 of SEQ ID NO:1639, b is an integer of 15 to 1631, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1639, and where b is greater than or equal to a + 14.</p>	<p>AL078644, Z94802, AF064861, AC006121, Z98051, AL049610, AF102137, AL008582, AP000555, AC009247, AL049843, AC007899, AC004974, AC007172, AC006120, AC008149, AC004780, AP000355, AL049643, U78027, AC006276, AL035450, AC005089, Z93784, AC005399, AC006430, AC007114, AC002550, AC004587, AL022316, AA261881</p> <p>AA09268, AI676066, AA872993, AI916603, AI68512, AI862396, AW134699, AI768494, AI656235, AI760422, AW340874, AI760767, AA456337, AI950211, AI365227, AA455250, AW019939, AI560709, AI521183, AW269381, AI343443, AW242591, AI862402, AW182833, AA908566, AI825167, AA910881, AI355516, T62487, T62632, H22865, AI470602, H24258, AI910667, T10397, AA319888, AA084251, AA465631, AA084250, T48979, R22512, R22511, R62315, R70206, R74308, H02508, R85869, R92578, R94703, R94783, R99284, H53551, H53550, H57860, H66191, H66190, H68304, H68303, H68633, H68632, H73905, H74097, N29973, N58152, N59546, N78287, N93155, W03816, W39117, W39754, W45221, W72425, W76578, N90187, AA010750, AA011178, AA035374, AA035090, AA044020, AA044195, AA099403, AA099464, AA131818, AA132001, AA181697, AA255734, AA279493, AA459458, AA465677, AA513468, AA610670, AA661647, AA807978, AA931089, AA932324, AA938458, AA947789, AA216163, AA477227, AA477226, AA709315, AA716569, AA774617, AI024245, AI024575, D25921, T16050, Z42876, F02340, AA699770, AI264621, AI268001, AI270489, AI432949, AI419091, AI475199, AI129103, AI139707, AI200420, AI205134</p> <p>AA629925, AI557066, H72652</p>
1640	HE9OY91	876903	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	

1641	HFKFN66	876904	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 839 of SEQ ID NO:1640, b is an integer of 15 to 853, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1640, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 674 of SEQ ID NO:1641, b is an integer of 15 to 688, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1641, and where b is greater than or equal to a + 14.</p>	AL031433	
1642	HWMFQ16	876905	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1902 of SEQ ID NO:1642, b is an integer of 15 to 1916, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1642, and where b is greater than or equal to a + 14.</p>	<p>AA775776, AI041206, AI884423, AA608631, AA307942, AA602534, AA477709, AA604331, AA610041, AA237053, AI874354, AI922651, AA455372, AA478920, AI861817, AI174744, AA639758, AI803985, AA307739, AI217011, AA242978, AI420956, AI082010, AA290814, N35525, AA397578, W04164, AI740453, H18746, AA457124, AI369854, AW402584, AA250883, AI362747, AW401485, N63084, AI826090, AA969826, AA418085, AI301135, N42604, N32932, AA464471, N44904, AI206819, AA206545, AI264316, AA205363, AA627399, AA908393, AA206909, AA399551, AA386030, AA205036, W07733, AA151195, AA292402, AA723847, AA151196, R68884, AI217962, N62289, R60986, AA019523, AI307617, AA535112, H18659,</p>	

1643	HCRBB01	876909	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1330 of SEQ ID NO:1643, b is an integer of 15 to 1344, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1643, and where b is greater than or equal to a + 14.</p>	AA782617, AW401677, AI923522, AA148955, AA136448, R61653, AA369942, H45205, AI311834, AW383689, N70126, H78459, AW169009, N77580, AI695617, AW383687, AA383122, T96825, AW383681, AA477710, AW188902, AA148954, AW383686, T36291, AI826948, AI755216, AA628518, AI249697, AA236854, AI064883, AA977383, T35725, AA761981, AA478800, AA588591, AW275155, AA206781, AA610557, AA765404, AA299218, AI274603, AA484614, AA252156, AA394239, N89897, AA418016, AI289322, N35239, T96813, T98004, Z39105, AI347692, AA401922, R68786, AI421701, AA300711, AI984054, AI307367, AI869880, AW003896, AI357580, AI097540, H78257, AA773528, AI933853, N26474, W19451, T96826, AA937255, AA494127, AA456012, AA622190, AA531018, AW264334, AA296375, AW340846, R39778, AW368305, T98082, AW406763, AW389979, T32639, AW389990, AA773673, AA304962, AA233500, AW383537, R58298, C15957, N78713, AA019294, D78788, AW389995, AA402093, D31588, AW366573, AA095078, N87188, N86592, N88113, N88337, N85682, AF078859, AF078868, AL021878, AF090946, U21721, AJ243486 AI345975, AI041822, AI354345, AA845341, AI471536, AA582006, AI264230, AI133028, AI922898, AI826795, AW272874, AI889042, AI749224, AA307941, AW275172, AI926872, AA482539, AI680141, AI734884, AA524591, AW274596, AI336326, AW169351, AI885643, AW259482, AI749219, AI026046, AI143001, AI689406, AI591185, AW361012, AA602933, AI922602, W60954, AI735165, AW377897, AI566471, AI275792, AI814420, AA948377, AI683757, AA862488, AI139188, AI288260, AI277724, AI653978, AI890155, AI934802, AI911644, AI890535, AA228045, AW148951, AI889786,
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	AI804207, AI274877, AI654469, AA987320, AW243847, AA55069, AA860461, AI689372, AA741520, AI937827, AI003581, AI831369, AI281145, AI871203, AI281294, AA855149, AI168130, AW377974, AI084421, AI092091, AI833225, AA505597, AI336527, AA554687, AI167764, AW088401, AW104699, AI150063, AL047161, AI798382, AW083700, AI038771, AW020827, AA928652, AI031884, AA826396, AA492267, AI625287, AI022580, AW270586, AI183695, AI026083, AA508597, AI080205, AI262884, AI073697, AI354660, AA226127, W78208, AA640721, AW149240, AA228005, AA759055, AA992173, AW150128, AA908342, AA554425, AI276333, W74125, AA034485, AA635275, AA639307, AA412053, AA742571, AA303334, AW166455, AA903876, AA173331, AA640905, AI963101, AA602023, AA378134, AW079690, AI934122, AA527819, AW368030, AW081647, AA531295, AA922080, AI050907, AI873602, AA173437, AI273804, AI589932, AI918522, AA916057, AA826837, AA235239, AW089108, AI922253, AI873976, AI885463, AA216394, AA508227, AA890672, AI572298, AA382418, AA341151, AW105574, AI281853, AI886217, AI535908, AA337736, AA837555, AI933527, AA299593, AA301629, AA654205, AI633050, AI553701, AA218783, AA426414, AA366375, AA173738, AI572371, T83429, AA215892, AA385436, W20026, AI684322, AW367106, AW377982, AA146684, T05849, AA828869, N90536, W32260, N93484, AA173705, AI092389, AA650299, D56517, T27681, AA552197, AA225725, AA235238, AI952204, AI720878, AW176624, AW367125, AA146683, AI161032, AA226022, H88875, H88876, AA523823, AA302252, AA301829, W21502, W70311, AA311804, AA729966,

1644	HSAAN15	876912	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1095 of SEQ ID NO:1644, b is an integer of 15 to 1109, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1644, and where b is greater than or equal to a + 14.</p>	<p>AI273789, AA096200, AW377515, AA729962, D20952, AI811103, T84076, X60111, AR016441, I13744, M38690, D10726, AC006057, L35275, M81720, L08115, D30786, AR016440, E05732, X76489, L08125, L08118, U15792, S60490, L08119, L08120, L08122, L08123, L08124, L08121, S60489, S60462</p> <p>AW295760, AA643028, AI858075, W22593, AI682269, AI819607, AA910344, AA573333, AW406408, AI741854, AI088151, AA481497, AW021995, AA687410, AA826812, H63145, H08408, W07228, AA765739, AA521057, R53520, AA362594, AI584029, AA689386, AA732248, AA970100, AI004471, R44238, AI811208, R53519, AA373512, R49374, H17459, R44200, AA481183, AW207413, AI075435, N66439, AB029003</p>
1645	HTEKS27	876913	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2159 of SEQ ID NO:1645, b is an integer of 15 to 2173, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1645, and where b is greater than or equal to a + 14.</p>	<p>AA758002, AI657156, AI375103, AW021134, AW150836, AI684065, AA678409, AI694321, R17458, N62359, AI655208, AI702778, AI701838, AW043913, AA782285, R54239, AA436083, R59807, AI205974, N79126, AA112078, R35463, L13827, L13824, L13825, R59697, R51845, AI479241, R39382, AA083911, AI635429, L13826, R38307, AW393336, R13143, A61243, L23208, AR051320, AR051322, L30110, L23311, AR051321, L30109, A61247</p>
1646	HWMBAI 0	876920	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1380 of</p>	<p>AI749171, AI660550, AA677676, AA464420, AA284905, AA718994, AI141193, AA481894, AI078424, AA481977, AA703408, AI276556, AI017050, AA502348, AA936362, AA936704, AW131471, F36806, AW273475, AI261777, AI218960, AI218966, AI744229, AI248232, AA452839,</p>

1647	HCQBOS8	876921	SEQ ID NO:1646, b is an integer of 15 to 1394, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1646, and where b is greater than or equal to a + 14.	<p>AI277984, AA053718, AI150864, AI140517, AI129769, AI160406, AW152129, AW000750, AI248566, AI805790, AI826304, AI086599, AA020812, AA018986, AA054250, AA019875, AW242786, AI903707, F22534, AI240050, T41072, W96529, AW069782, W68326, AA053858, H37782, AA055112, H83990, AI765563, F31495, AA020811, AI244397, H37923, AA013192, T51835, R50369, AW339481, AI903705, AW194148, AA019902, W68142, AW298469, AW003689, AI860462, AA019913, AW139654, AA383551, AA384419, AA883222, H41086, AI420423, AA021054, H86062, AI735754, R80952, W92479, AA535061, F31376, T40204, C04332, AA019941, AA464476, AW050973, AI560455, AI470969, T51881, AI695746, AA284774, AA855078, AA013427, H38276, W92489, AA412431, AA844626, AW074589, AA919166, H86397, AA906632, F36956, AA018714, AA021006, AA457128, W68469, H83989, AA015696, AW050422, AA402869, AA015660, AA464421, AA454730, AA015659, AA454780, T28267, AA018985, AA018750, AC006449</p> <p>AI803478, AA578800, AI760557, AA569728, AI803206, AI199737, AI524625, AA825640, AA937979, AI436327, H83996, AA879427, AW205011, AI284171, AA262130</p>
1648	HWLGQ64	876923	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 711 of SEQ ID NO:1647, b is an integer of 15 to 725, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1647, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AI743526, AA535976, AA534299, AI245191, AA917952, AI360198, AA189088, AI476640, AI750101, AI151214, AI219288, AI189990,</p>

1649	HCQCV14	876926	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1579 of SEQ ID NO:1648, b is an integer of 15 to 1593, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1648, and where b is greater than or equal to a + 14.</p>	<p>AI127112, AI582665, AI050781, R80366, AA706856, AI581641, AA693998, H01950, AW016083, AW292149, AA915966, AI219588, R07874, R68737, AA531303, AI192934, AI149588, H02159, R78817, T52702, R73741, H45133, R69845, AI832515, R21520, R78816, T46918, R68019, AW025113, R68683, H45436, R80252, R35081, R69003, T52701, AA724770, R80206, AI521622, AW272700, R12585, R80309, R79313, H04450, R78008, AI222696, R79314, R69002, R07933, R69844, R21622, R23749, AA873780, W95082, R35080, T46932, R70944, AW029093, R68018, AI619788, AI582092, T49292, R09945, T46933, AI337719, AA233721, R23802, AA378781, AA917397, AA923057, T49293, AW361573, AI241836, AI261408, U26726, U14631, AF126744, AF126745, U23835, U14128, AF074706, U22424, U27318, S83516, S80133, U27317, S83532 AP000529, AP000528</p>
1650	HCROO59	876934	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 558 of SEQ ID NO:1649, b is an integer of 15 to 572, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1649, and where b is greater than or equal to a + 14.</p>	<p>AA376902</p>

1651	HCRPN27	876936	<p>15 to 405, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1650, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 981 of SEQ ID NO:1651, b is an integer of 15 to 995, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1651, and where b is greater than or equal to a + 14.</p>	AA457220, AA354909, AA040828, AI688798
1652	HCRPN34	876938	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 622 of SEQ ID NO:1652, b is an integer of 15 to 636, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1652, and where b is greater than or equal to a + 14.</p>	AI634562, AI129701, AI129323, AI129745, AI269483, AI952719, AI656261, AI239764, AI678885, AI873730, N48153, AA904475, AA653518, AI538894, R43961, AI287295, W68609, AI114476, AA973355, AI866872, AA133249, AI681503, AA133292, AI690203, AW271391, D29021, AI186074, AA757303, AA742226, AA737777, D29578, AI825401, AI934240, AA587412, AW051055, AW020046, W68807, D83781
1653	HFKFH50	876940	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1241 of SEQ ID NO:1653, b is an integer of</p>	AA927698, AI300925, AW009795, AA402380, AI830852, AA430318, AI493302, AI142868, AI037989, AI423267, W52884, AA907276, AI333045, AA628712, AA988209, AI363130, AA987992, AA578507, AI298580, AA639466, AA402235, AI052201, AI073629, AA458463, AA564499, N78968, AA534799, AW083734, AA442975, AI074925,

1654	HCRQG66	876941	<p>15 to 1255, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1653, and where b is greater than or equal to a + 14.</p>	AA400276, AA053124, C04884, AA775515, W60092, AA425157, R83528, AA01316, AA676435, D51268, AA359764, H27189, C01185, AA402234, H27190, R37964, W39595, T27801, D55114, R45640, AA146682, AA485712, AI971664, D52799, AA347823, AA485845, AI079236, AW45076, AW444515, AA031677, AA031678, W17355, AA146681, AI739376, AA053511, AA343828, AA035266, AI648529, AI867052, AC004634, AR042382, L17032, L36027, L05489, M93012, X89728, Y15731, AR042385, X67295, L17029, L17030
1654	HCRQG66	876941	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 504 of SEQ ID NO:1654, b is an integer of 15 to 518, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1654, and where b is greater than or equal to a + 14.</p>	AW392670, AA581171, Z99396, U46347, AW384394, AW363220, AL119484, AL043003, AL119443, AL119497, AL119444, AW372827, AL119457, AL119319, AL119324, AL119439, AL119483, AL119391, AL119522, U46351, AL119363, AL119355, AL119335, AL119418, U46341, AL036418, AL038837, AL119336, AL119341, U46350, AL134132, U46349, AL037051, AL043147, AL036725, AA631969, AL119496, AL134530, AL134519, AL037205, AL036858, AL036924, AL134531, AL119401, AL134527, AL134528, U46346, AL039074, AL042614, AL134533, AL119399, AL042984, AL042965, AL042975, AL042542, AL042551, AL134538, U46345, AL042544, AL042989, AL043019, AL134542, AL037094, AL038509, AL043029, AL036196, AL042450, AL037085, AL037082, AL037077, AL037526, AL036767, AL037639, AL036190, AL119464, AL038520, AL036268, AL036998, AL036733, AL037027, AL037615, AL036191, AR066494, AR060234, A81671, AR023813, AR064707, AB026436, AR054110, AR069079
1655	HCRQW80	876942	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	AA330056, AA236014, Z98049, AF149770, AC004801

1656	HLQER45	876943	<p>the general formula of a-b, where a is any integer between 1 to 779 of SEQ ID NO:1655, b is an integer of 15 to 793, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1655, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1048 of SEQ ID NO:1656, b is an integer of 15 to 1062, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1656, and where b is greater than or equal to a + 14.</p>	<p>AI626059, AI626106, AA826765, AI040137, AA643166, AA700884, AA548726, AW361733, AI424257, AI860448, AA580441, AI985034, AI720331, AI720332, AI459935, AW383179, AA308449, AW383230, AW383291, AI304515, AW383110, AW383173, AI084026, AI801735, AA135152, AA588817, AA588576, AW383112, AW383292, AI829153, AW383143, AW016001, AI802779, AW361734, AA129139, AW383175, AI475415, AA834407, AI247812, AI282992, AW376286, AW392915, AA502781, AA053766, AA973594, AW238610, AI860189, AW084925, AA344804, AW363161, AA129138, AW004060, AW363048, AA053663, AI638684, AW024090, AI694258, AA159581, AA345424, AW363163, T72477, AA933684, AA553869, T72849, AA513679, AW352403, AW365132, AW379947, AW363141, AA135289, T70578, AW363162, AW084865, AI680270, X53463, X68314, X91863, X91864, E02175, U62658, D16913, AF099176, AL080126, L24896, AL137292, M30514, AF161699, Y10823, L13297, AL110224, A07588, AR068751, AL117416, AR038969, I17767, X54971, E02914, Y10655, AF061795, AF151685, AL050092, AL137665, AL110280, S63521, AL137548, I89947, I48978, A08913, U57352, I89931, AL080127, S77771, A08912, A08910, A08911, I49625, A08909, AF090943, AF026030, I03321, A03736, AR038854, AL8777, A08907, A08908, AL137461, AF017152,</p>
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1657	HWADQ26	876944	Preferably excluded from the present invention are one or more	A07647, U62966, S76508, I89934, U00763, I09360, A90832, AF016271, AL137267, AL050280, AF159148, AF061943, AF008439, I18355, I34392, AL080162, AL137550, AB007812, AJ001838, AF117959, X76228, AF118064, AL050024, X70685, AF118090, AF141289, AL117583, U87620, U49434, AL137658, AL133568, AL117435, AL049464, AF017437, AR054987, E08631, AL049452, X63410, S75997, S36676, U53505, I52013, AF120268, E15324, AL137558, L31396, U68387, AL137656, AF004162, U80742, L31397, I00734, AF113694, AL133558, AF069506, Y09972, E00617, E00717, E00778, X96540, I29004, X66417, I89944, A70386, U75932, AL133054, A47363, AL050146, AJ012582, AL137521, AF114168, AF145233, AL049339, AL049300, AF113676, AL136842, A08916, AF026816, AF028823, AR034830, I96214, AF036941, AF055917, AF115392, U57715, AJ238278, AF026124, AF158248, AL133637, AF175903, AL133098, AL133557, AL122093, X62773, AF031147, AL049465, AL137276, X97332, AL110171, A92311, AF113019, AL137283, U55017, U92068, AF051325, AF176651, AJ242859, X67688, AL080158, AF205861, AL110225, Y14634, AL117394, A52563, AF106934, AF119358, U91329, AF057300, AF057299, AF115410, AL035458, AL110159, AR020905, AF113690, AF100931, Y10080, AF022813, AL137298, X60786, Y11254, AL049314, E12580, X52128, U86379, AF126488, E01314, Z37987, AL117457, AL050116, AL133016, X99717, AF199027, AF106657, E01614, E13364, AJ012755, M92439, U51587, U01145, AF091084, AL050277, AB026995, AF118070, E12579, X06146, E15582, U77351, S82852, AL137554, AL117585, AL122098, AF000301, AL133062, AL080140, AA523439, AI652347 H72650, AA486265, R36338
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1658	HLJB174	876945	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 598 of SEQ ID NO:1657, b is an integer of 15 to 612, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1657, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 507 of SEQ ID NO:1658, b is an integer of 15 to 521, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1658, and where b is greater than or equal to a + 14.</p>	<p>AI089472, AI201678, AA121121, AI225034, AA040061, AA026978, AW074127, AA588232, R75602, AI381304, AW3116739, H96548, AA503627, AI049774, AI560029, AA860916, AI969449, N47791, AI130983, AI139753, T17035, W35381, AA161140, AA398755, Z40924, AI623471, H96500, C02374, AL080013, R48316, R75672, W32995, AI247236, R59185, R40930, AI080393, T32336, AL119457, AL119399, AL119511, AL042544, AL119324, AL043152, AL042382, AL043168, AA503612, AL079794, AI927233, AI538885, AI590686, AI679179, AI431323, AI537837, AI619691, AW029186, AA848053, AI446628, AI824748, AI360195, AI610362, AI679550, AL037081, AI625464, AW150308, AL042866, AI952145, AI476620, AI288285, AI433590, AI613471, AI620868, AI631977, AI583578, AI673785, AI365256, AI524654, AI636309, AI860817, AI472536, AI874243, AI553645, AI802240, AI473652, AW075305, AW103878, AI284515, AW087199, AI500061, AW051088, AI291973, AI828795, AL041928, AW268122, AI571868, AI624529, AI890509, AI867068, AI802542, AI433157, AI648567, AI652162, AI690946, AI554821, AW151136, AW084065, AI539771, AI922561, AI432644, AI584140, AI686817, AI537677,</p>
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	AI494201, AI627909, AI500659, AW089006, AI493559, AI866465, AI459322, AI815232, AI832245, AI801325, AI682891, AI500523, AI538850, AI887775, AI582932, AI872423, AI590043, AI923989, AI284517, AI500706, AI445237, AI491776, AI289791, AW151138, AI678446, AI889189, AI521560, AI500662, AI539800, AI582912, AW172723, AI284509, AL079741, AI889168, AI440263, AW088899, AI866573, AI633493, AI434256, AI866469, AI434242, AI805769, AI554344, AI888661, AI500714, AI284513, AI888118, AI873638, AI285439, AI538342, AI859991, AI436429, AW089275, AI889147, AI623736, AI355779, AI371228, AI581033, AI491710, AI431307, AI440252, AI866786, AW151451, AI610557, AI860003, AI431316, AI242736, AI376376, AI828574, AI887499, AW151979, AI537187, AI539781, AI094489, AI076761, AI539707, AI702065, AI866608, AI963846, AI885949, AI569309, AI633419, AW089557, AI559957, AI285419, AI521571, AI469775, AI866581, AI865320, AI860783, AI567953, AI815150, AW183130, AI446495, AI570966, AI537190, AW193139, AI056694, AW103398, AI355017, AI886594, AI364639, AI610115, AW150457, AW085786, AI636788, AW129230, AW080374, AI300354, AW080379, AI872722, AI567582, AL039456, AW088903, AI610402, AI370812, AI910464, AI963019, AI624693, AL046052, AW162194, AI919593, AL047422, AI440238, AI567971, AI269580, AI539153, AW081383, AI627893, AW080298, AI345477, AI683497, AI500504, AI583065, AI933992, AI582461, H42557, AL117568, Z95126, U77594, Y11587, AB026436, AF090901, AF115392, U49434, AF058921, LI0353,

	I03321, AR034821, AL137268, AL137712, AL137658, I09499, AL133049, AL133067, I89947, S83440, E12747, AL137429, AF107847, AL122049, E07108, U78525, AF119337, AF199027, AL110222, AF114170, A18777, I48978, U96683, AF047716, Y14314, AL137550, AL133081, M27260, I66342, X72889, U92992, AL049452, AL122050, AL122100, U36585, AL137463, A21103, AL122106, AL080140, AF065135, AR060234, AL080139, AL137558, A08913, AR038854, AR066494, X62580, Z72491, AF114818, AL133072, A08912, AL137480, A08910, AL137526, I89931, A08909, AL133070, I33392, U42031, AL110221, AL137256, S77771, AF032666, AF078844, AL050015, I49625, A08908, AF031147, AF200464, X72387, AL133619, AL133665, S76508, AL080060, E03348, AF017437, AL133558, E03349, AF159615, A30910, AR000422, AL117460, AL122045, X67813, AL050138, A08915, AF102578, AF057300, AJ005690, AF057299, AL137476, AL050366, I89934, AL137539, AL137488, AF038847, AR019470, AF094480, AF182215, AF113013, AL122110, A65341, AL133080, AL122098, U68233, I92592, E01314, AL023657, AL133077, A52563, AL122123, AL133104, AL133637, AF090886, A65340, AF210052, AL137574, AF090900, A45787, Y08769, I22272, AB019565, AF067790, AR013797, Y16645, AF090943, X79812, U67958, X06146, AL050172, A27171, S79832, AL133113, X66975, AL117435, AL137548, AF022363, AL080163, A08907, E02253, AF118070, AL137271, AJ242859, AF039138, AF039137, AL137660, AL050155, AL137294, Z97214, AC004227, AL117648, AF113019, AF119336, I42402, AF026124, AJ010277, AL096751, AL050393, AF113691, AF179633, AF113690, X66862, S36676, AF067728, AL080154, AF111851, Z13966, Z82022, AF183393, A58545, AL080137, AL133010, AL137555, AF000145, AF008439, AF081195, AR011880, E07361,

1659	HE8TT24	876946	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 873 of SEQ ID NO:1659, b is an integer of 15 to 887, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1659, and where b is greater than or equal to a + 14.</p>	<p>AL035458, AL137300, I00734, A08911, I89944, U75932, AF100931, X66871, U92068, A77033, A77035, A76337, AL133645, AL117626, AL137459, AL133624, AF106697, AL050116, E00617, E00717, E00778, AF030513, A12297, AF106862, I68732, A58524, A58523, A08916, AF002985, AF012536, AF113689, AF215669, X61399, AL080159, AL049460, AL137530, X80340, AL117416, AR059958, AL080234, AF061795, AL117457, AF151685, AF158248, AL137665, AF104032, X96540, M92439, AC004686, AJ001838, L13297, E15582, AL117585, X54971, AF185576, AF026816, E02152, Y10655, Y10823, AF118094, AL137478</p>
1660	HSSJS63	876947	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 833 of SEQ ID NO:1660, b is an integer of 15 to 847, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1660, and where b is greater</p>	<p>AA477859, AI347465, AA741252, AI672808, AA251469, AI275156, H61853, H61854, AA336646, AA676384, AI909660, AA182632, AA082822, AA311433, AA125933, AJ238376, AJ238375, AJ238374, AF161479, AJ238379</p> <p>AI862703, AA612688, AW249954, AI827363, AA610743, AI432650, AI802722, AI239964, AA701945, AA612922, AI361623, N33537, AI301851, AW002136, AI802741, AA176363, AA576449, AA976265, AA766161, AA918580, AA653969, AA148478, AA827535, AA808278, H93495, H62703, T17099, AI972187, N51008, AW195377, N35315, AA468340, AW272194, AA932140, H27698, H18938, AI242349, AI218074, AI915880, AA601068, AI263921, AI925918, T95492, R95678, AA287244, AI916550, AA886254, H26101, AA641272, AI985842,</p>

1661	H2CAA03	876949	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 494 of SEQ ID NO:1661, b is an integer of 15 to 508, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1661, and where b is greater than or equal to $a + 14$.</p>	<p>AA284523, T64348, AI709153, AA405410, AA917562, AI625872, AA583805, AA514621, AA402915, AW299786, H28434, H21901, H21407, AI247273, T72816, H59524, T74771, AA931965, H60166, AA148477, AI767616, AI935706, AI640135, T28521, H24592, AA385649, T71664, AA835555, T72815, AI783613, H26143, R29069, L07548, D16307, AC006255, D14524, E04020, D13514, E04019, X68564, AB017196</p> <p>AI200746, AA306947, AA679811</p>
1662	HCROI77	876952	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 530 of SEQ ID NO:1662, b is an integer of 15 to 544, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1662, and where b is greater than or equal to $a + 14$.</p>	<p>AA631215, AI924992, AW079378, AA988078, AI820581</p>
1663	H2CBW39	876953	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AA315245, AB011148, A90836</p>

1664	HHBHM68	876954	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 430 of SEQ ID NO:1663, b is an integer of 15 to 444, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1663, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1265 of SEQ ID NO:1664, b is an integer of 15 to 1279, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1664, and where b is greater than or equal to a + 14.</p>	<p>AI3444224, AI343252, AI763340, AI971555, AI524277, AW195633, AW242690, AI949067, AW043627, AI949493, AI831556, AI589614, AA569876, AW118064, AW294645, AW022953, AA806680, AW068609, AA773062, AA461578, AW302627, AI962293, AA661535, AI914032, AI077935, AI350493, AA045227, AI433117, AA304941, AI475606, AI375626, AI307282, AA316518, AA814665, AA805929, AA622783, AW384234, N40708, AI355690, N29617, AA630457, AI671471, AI184753, AA251540, AI769738, AI192362, AI584155, AI040830, AW392440, N62356, AA099428, N48993, N41617, AA058804, AA167231, AA206488, AA167230, R66016, AI143758, AA669452, AA171987, AW028843, AI094496, AI219343, AI928715, AI640579, AA857867, T98791, AA130523, AA101889, AA460290, AA251498, AI868406, AI206342, R66015, AA172303, AA570042, AW401363, AW366605, AW007103, AA657969, AA635112, AA308035, AA373437, AI688532, AW068608, AI671588, D11580, H79250, AA503511, T27591, AA306546, AA330367, AW402028, AI219231, AI913403, AI630129, AA130522, AA344392, AA319396, T98790, N45715, AA569886, J02645, X53689, J02646</p>
1665	HSYBF36	876957	<p>Preferably excluded from the present invention are one or more</p>	<p>AI341667, AA180986, AI341558, AI093197, AA031711, AI694268, AI469856, N63041, N50125,</p>

1666	HWMCE91	876958	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2495 of SEQ ID NO:1665, b is an integer of 15 to 2509, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1665, and where b is greater than or equal to a + 14.</p>	<p>AI478279, AI150599, AI597740, AI985206, AI671591, W72535, AI741942, AA037642, AI962374, AA180865, AA031648, AI800796, AA436065, AA129939, AW002265, AI074205, AI056532, AI656721, AI275143, AI337739, AW172525, W00519, AA446926, AA043021, AA830493, AI655558, AI769027, AA443349, AI095056, AA917703, W93307, AA526333, AI689128, AA777090, AW002829, AA101851, AW139517, AI128702, AI276137, AA873711, N98234, W76109, AI631104, AA856832, W92810, AA042939, H87505, AA129938, AI688779, AA693329, AI676108, T87624, AA570072, AA037641, AI186390, T74071, AA031685, AA037500, R82703, AA037234, AW380430, AA985191, R82654, H87506, AA938640, AI926907, AI916503, AI696069, AW140052, AA102060, F12449, AI671894, AW057528, AI695458, AA046964, AA725452, AI968837, AA917824, AA054749, F10070, AA917678, AA683581, AA937814, AI932475, AI984598, AA046963, AA053281, AI801723, AI499751, AA085888, AA031686, AI074981, AI279953, AI809560, AF038662, AB024436, AF022367, AF142672, AA890722, AI695176, AI223269, W15428, AI678286, AW449557, AI344351, AW129566, AW083717</p>
1667	HUVFJ36	876959	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 407 of SEQ ID NO:1666, b is an integer of 15 to 421, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1666, and where b is greater than or equal to a + 14.</p>	<p>AI923735</p>

1668	HLYBU84	876961	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 511 of SEQ ID NO:1667, b is an integer of 15 to 525, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1667, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1335 of SEQ ID NO:1668, b is an integer of 15 to 1349, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1668, and where b is greater than or equal to a + 14.</p>	AW007548, AW369750, AI908457, AI630915, AW365081, AI817246, AI686944, AW162565, AA534893, AA033782, AA599322, AI096489, AA621824, AA176242, AA483552, AA588407, AI862878, AA427425, AA613885, AA412220, AA243477, W94878, AI460031, N95605, AA470032, AA677651, AI148140, AA902530, AA577431, AA523380, AI434640, AW026082, AI573043, AI129794, AW009274, AA554102, AA700766, AW292794, AI673429, AW160961, AW026393, AW272201, AA156869, AA075534, AI802460, AA643550, AA075634, AI086037, AI434128, AA432191, AI934640, AA936148, AA832390, AA043287, AI075001, AW009314, AA830134, AA769386, AI370761, AA075581, AA603666, AW337458, AA553892, AW380901, R36977, AI301698, AI613297, AA431171, AW190498, F36773, AA176143, AA961812, AA075591, AI201445, AA034038, AI355815, W93408, AA417790, R37629, AI538237, AA190514, R33090, AW087224, AA191034, H29313, AW057939, AI792731, AI384050, AA306868, AI016135, AI015828, T15760, R07498, AI587586, AA043626, AI034090, R00242, AA083325, AA553691, AI383781, F21581, AA156870, AA311197, F01230, AA316341, AA417694, W25045, AI147345, AI418700, AI202543, AA319535, AA933690, R07551, T50037,
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1669	HWLMK6 5	876963	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 472 of SEQ ID NO:1669, b is an integer of 15 to 486, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1669, and where b is greater than or equal to a + 14.</p>	<p>AA376766, D19678, AA311196, AA196806, H01342, F30880, AA629750, F33909, AA243536, R00351, AA302201, AA524118, W28836, AA281519, R33180, AA719927, R76589, AA083438, AA911141, AA494408, AA034119, AA295285, T23201, AI984875, AA156979, AI142352, AI971194, AI762052, AI174475, AW026079, H01393, R76588, AI086242, AA777753, AA258556, AA782087, AI651923, AI306436, AA946836, AA946830, AW139820, AA946595, AA973780, AA761539, AI088083, AA741308, AA968972, AA865328, T86736, AA459999, AA701556, AI188245, AI188276, AI000875, AA599243, N32426, AI023878, AW027063, AI088920, AI193846, AA126805, AI800579, U20272, D32257, U14134, AC004739, AC006045</p>
1670	HWLPY93	876964	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1943 of SEQ ID NO:1670, b is an integer of 15 to 1957, where both a and b correspond to the positions of</p>	<p>T86558, R74597, AA495751, AI204352, N56848, AI242056, W20015, AA460093, AA307386, AA700368, AA693860, R97459, AI806458, R97416, AA164861, AI241618, AA235676, AA362800, AA203578, AA203546, AA704439, AI862463, N35933, N45430, AI239984, AI375890, AI393761, AI378188, N35287</p> <p>AI433785, AI379875, AA403186, AW069343, AI129895, AW069233, AA534411, AA181432, AA032182, AI935567, AI376398, AI089572, AI452747, AI803472, AA447447, AA236374, AA128133, AA477274, AI038660, AA477275, AI002572, AA233880, AA447446, AA181371, AW130668, AI769036, C03202, AI277470, W07713, AA715421, AA126867, AI680552, AA404675, AA126195, C04150, F30780, AA353347, AA192944,</p>

1671	HWMBV3 7	876965	nucleotide residues shown in SEQ ID NO:1670, and where b is greater than or equal to a + 14.	AA421799, AA024985, N80591, D79794, F37772, AA127217, AA027110, Z36263, AI925660, F35592, AW263312, AI139845, AA247376, AI038015, AI128210, AA193137, AL119598, AA249326, AA629114, F31719, AA232826, AA729266, AI193315, AA249762, AW373642, AW373769, AI375939, AI383560, T29636, AW391401, AF114264, AF056035, AF056034, S67069 W05557, AA278474, AA485179
1672	HCDME16	876966	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 801 of SEQ ID NO:1671, b is an integer of 15 to 815, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1671, and where b is greater than or equal to a + 14.	AI380296, AW206501, AI393559, AI369479, AI362907, AI125368, AW272471, AW136950, AW273903, U46350, U46345, AF166331, M60329, AJ272227, X86395, X86396
1673	HCRQM25	876967	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by	246094

1674	HWMBV7 2	876968	<p>the general formula of a-b, where a is any integer between 1 to 577 of SEQ ID NO:1673, b is an integer of 15 to 591, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1673, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 602 of SEQ ID NO:1674, b is an integer of 15 to 616, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1674, and where b is greater than or equal to a + 14.</p>	AA863064, AI637610, AA075674, AA075545, AA206591
1675	HCRQK24	876969	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 653 of SEQ ID NO:1675, b is an integer of 15 to 667, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1675, and where b is greater than or equal to a + 14.</p>	AI032744, Z60017
1676	HWLOK80	876971	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	AA694142, AA815120, AA749173, AI005429

1677	HNTBD04	876975	<p>the general formula of a-b, where a is any integer between 1 to 817 of SEQ ID NO:1676, b is an integer of 15 to 831, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1676, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1305 of SEQ ID NO:1677, b is an integer of 15 to 1319, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1677, and where b is greater than or equal to a + 14.</p>	<p>AI379864, AI081896, AW131833, AW170478, AI806491, AI378805, AI709093, AI491963, AI343481, AI083547, AA411203, AI718197, AA281624, AI379105, AI379556, AI361971, AA844487, AA422096, AI493410, AW370896, AI380997, AA583293, W04273, AW370895, H50534, AA465371, AA281683, AA890322, AI671250, AA465447, AA581543, H68367, H68369, AA338712, AW152574, T40124, R36504, T10779, R83236, AI699600, AI239994, AI333199, AW183647, AA353157, L48692</p>
1678	HWLUV59	876976	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 456 of SEQ ID NO:1678, b is an integer of 15 to 470, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1678, and where b is greater than or equal to a + 14.</p>	<p>AI889597, AI684260, AI351574, R98436, H51098, AI631843, AW291703, AW300604, AW194814, AW370191, AJ224747, AJ224748, AJ001306</p>
1679	HSUSFI3	876977	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AI085974, AI858091, AI720077, AW072390, AI989948, AI934584, AW117525, AW237303, AW150311, AI692995, AI815035, AW102807, AI832505, AI922557, AW069468, AA446165,</p>

		<p>the general formula of a-b, where a is any integer between 1 to 1112 of SEQ ID NO:1679, b is an integer of 15 to 1126, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1679, and where b is greater than or equal to a + 14.</p>	<p>AW377667, AI342228, AW295915, AA843597, AA031368, AA031369, AA506182, AI338064, AW002066, AI128919, AI083953, AW367975, N27866, AA582219, AI751107, H96650, W47079, AI129845, AI953830, AA976702, AI750786, AI366199, AI014661, AI090678, H96654, AA846208, AA018530, AW085102, N92750, AI142994, W46779, AA044355, N40640, AI031911, AA913602, AA506298, AA769731, W78040, AA917375, R68943, W46978, N20969, AI750787, AA102449, H28051, W32033, N40269, N30984, R67524, AW367978, AA876079, H26305, H84840, AW074611, R70575, AA883585, AA725372, H13743, AI751106, W19406, AA778022, R70485, AA044033, H00808, AA055964, AA296636, AA459816, R78950, H26464, AI300644, AA642011, AA508205, AA508225, AW235801, AA649284, R24391, AA508374, AA035658, AA301832, AA296525, R21974, H88611, AA506194, AA370945, T90836, AI025235, H88612, AA055963, AA857378, R67525, AA018277, AI828914, R24281, H98539, AA337106, AA374691, T85743, H39859, R68830, R21973, AW366386, D61749, N28622, AA322178, AA975143, AA096079, AW025044, AI040706, AI459355, AW367977, W31440, AA302828, AA382269, AA382270, AA459696, R57416, AI684270, AI523423, AI554821, AI686576, AI537303, AI590021, AI624548, AI868204, AI955906, AI637584, AI818353, AI089970, AI581033, AI564290, AI569975, AI866469, AI440260, AI884574, AI621341, AI609409, AI458237, AI564719, AW008779, AI950892, AI927233, AI540674, AI538692, AI670002, R36271, AI698391, AI909661, AI866465, AI610690, AI783861, AI537273, AI866801, AW262042, AI800380, AI453328, AI538850, AL036901, AW118518, AI633125, AI697324, AI978703, AI583065, AI537244, AI538716, AA761557, AW160916,</p>
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	AI623941, AI560023, AA641818, AI815232, AW071177, AI569309, AL134259, AW410259, AI702073, AL047100, AI537191, AW198090, AW149311, AI567944, AI696340, AW148408, AI612913, AI474646, AI440238, AW083804, AA715307, AA809974, AI432969, AI539260, AI860027, AL036923, AA470491, AI862139, AI819326, AI433157, AI654750, AI499393, AI539771, AI520785, AW151132, AI366900, AA835801, AI355779, AI923989, AI537677, AW051088, AW087207, AW169671, AI886206, AW161156, AI635492, AW105383, AI879377, AI690410, AI863382, AI872423, AI091468, AL038986, AW151766, AI524654, AI625595, AW073996, AI798456, AI804585, AI801325, AW022682, AI522052, AI439087, AW082033, AW104724, AI859991, AI573032, AF125535, Z92846, U00763, U01145, AL080140, A83556, I48978, AL035458, AC005291, A77033, A77035, AC007298, M81784, AF081195, U95739, AL080163, AF081197, A91162, AL050138, E08631, I89947, AF087943, AL050149, U72620, A76335, AL137459, E06743, AL110222, AL137480, AF098162, AL133665, AF100931, AL137558, X80340, AL137550, AL110218, AF061943, AF126247, AL049283, AL050024, X65873, AL050277, A08910, A58524, A58523, A08909, I48979, X61970, AL137526, Y16645, A08908, AL096744, A08913, Z37987, AF061795, AL080239, U62807, AF151685, AF039138, AF039137, AF201468, AR038854, AL133075, AF032666, X82434, AL122049, AL133640, AL133568, AF030513, X53587, AC004383, AF097996, AL137557, A65341, AF090900, U80742, AL122093, Z97214, AF104032, AL137476, X81464, AF078844, AL133080, AL049382, I26207, X84990, AL122100, AL137529, AL117457, AL117435, AR011880, AF026816, AJ006039, AF177401,

1680	H2CBE41	876978	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 616 of SEQ ID NO:1680, b is an integer of 15 to 630, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1680, and where b is greater than or equal to a + 14.</p>	<p>AL137488, Z35309, AL133560, I89931, AB016226, AL133557, AF184965, AR034821, AF008439, AL137463, I49625, A08907, AL122110, X53777, AL133072, AL110280, A08916, AF125948, AF090934, AF028823, AJ000937, AL117587, AL080074, AL137554, A91160, Y14314, A08912, AL137656, AC004822, A23630, A18777, AL049430, AL137533, AF079765, A03736, AL049347, U88966, X72889, A08911, AL122121, AF113691, AL137560, AL137538, AF090901, X93495, AL133031, I96214, AL080159, AL117626, AF090903, AL133016, I09499, AL122045, AF061981, AL080148, S76508, AL122123, AL050366, AR034830, AL137627, AF113019, AL133558, Y18680, AL122050, I33392, AF113699, Y13350, AL133081, AF079763, AF11849, E07108, Y09972, AF067728, AL133077, AL110225, S68736, AL122118, I32738, AL133113, A18788, I89934, AL080110, AF091084, AF031903, E05822, AF111851, U35146, AF183393, I03321, AF106862, AL137479, M80340, I89944, A21103, Y10655, S75997, L13297, S36676, AL122111, AA307330, AI032392, AI434808, AI632534, AW136621, AI992345, AI637461, AA836544, AA745059, Z21538, D20524, D80522, D81026, AW377671, D58283, D59889, D80133, D80043, D80022, C14331, D80248, D81030, D59859, D80188, D80166, D50979, D80195, C15076, D80269, D59467, D51423, D59619, D80210, D51799, D80391, D80164, D59275, D80240, D80253, D59787, D80227, D80212, D59502, D57483, D80196, D80219, D59927, D50995, D80251, D80038, AA305409, D80193, D59610, C14389, D51060, D80378, C14429, D80024, D80366, AA305578, D51022, D59373, D80045, C75259, AW177440, AA514188, D80241, C06015, AW360811, AW178893, D80268, T03269, C14014, D59627, AA514186, AW375405, AW360844, D80014, D80132, AW179328, AW177501, AW177511, D51213, D80247,</p>
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	AW378532, AW366296, AW352170, AW360817, D80302, AW375406, AW378534, AW352171, AW179332, AW377672, AW179023, AW178905, D80439, AW177505, AW178775, D80064, C05695, AW377676, D81111, AW178762, C14227, AW360841, D58101, AW352117, D80134, AW178906, D51250, AW178909, D59503, D58253, AW177731, AW178907, AW178754, AW179019, AW179018, AW179024, AW369651, AW367967, AW352158, F13647, AW179020, AW176467, AW177456, AW179329, AW178980, AW360834, AW177733, AW378528, AW178908, AW178971, D51103, AW352174, T02974, C14407, D51759, D80157, AW179017, AW179004, AW179009, AW179012, AW178914, AW378543, AW378525, AW352163, AI910186, AI557751, T11417, AW378539, D80168, AI905856, T03116, AW178774, AW178911, AW177722, AW177728, D59653, T48593, AW378540, C14298, AI557774, D45260, AW178781, AW352120, C03092, D60010, H67866, AA809122, H67854, AI525923, Z21582, D52291, AW367950, D59695, D80949, C14344, AI525917, D59317, D45273, D58246, D59474, D80258, AI525227, AA285331, C14046, C14973, AW177734, AW378533, D51079, AA514184, D51097, AW167716, AW178986, D51221, C16955, C14957, AI525920, AI535686, D59551, AI525912, D60214, AI525235, AW179013, H67858, T03048, Z33452, AI525242, AI525925, AI525215, F13796, AW378542, C05763, U38654, AF154840, AF125393, U57094, A62300, A84916, A62298, AJ132110, AF058696, AR008278, AR018138, AB028859, D34614, X67155, Y17188, D26022, A25909, Y12724, A67220, D89785, A78862, A82595, A94995, D88547, AR008443, AR060385, AB002449, X82626, AR016808, AR025207, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, AR054175, AR038669, Y09669, A43192, A43190,

1681	HWLFY03	876980	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 598 of SEQ ID NO:1681, b is an integer of 15 to 612, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1681, and where b is greater than or equal to a + 14.</p>	<p>AR066490, I14842, AR066487, A30438, Y17187, I18367, AR008277, AR008281, A63261, D50010, A70867, AB012117, AR062872, AR016691, AR016690, U46128, X68127, AR008408, A64136, A68321, A85396, D88507, AR066482, A44171, I79511, A85477, I19525, A86792, D13509, AR060133, X93549, X72378, AF123263, AR032065 AA307778, AL119084</p>
1682	HE2IX48	876981	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1180 of SEQ ID NO:1682, b is an integer of 15 to 1194, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1682, and where b is greater than or equal to a + 14.</p>	<p>AA426499, AW081325, AI985955, AW021040, AI160194, N51691, AI139313, AI378674, AA622963, AI624270, AI656023, AI418379, AI095120, AI634162, AI362188, AI190851, AI091497, AA009944, AA418983, AI336531, AI394274, AA857944, C15793, AI214264, AI277517, AI346314, N47105, AI361996, C16060, AW192963, D57940, AI536992, AI304548, AA918156, C16528, N40979, N67845, AA393695, AA857656, AI659750, H95189, AI493625, C16468, D56642, AI094425, AA552961, AI080394, R81446, AW439682, N51633, D56627, D56835, N44986, H88689, AI589928, AA379627, R76880, AI832292, H88648, C16043, D57541, D57973, AA328571, D57430, AA360724, AI089758, C16179, C16087, D79736, AI445344, D56588, R32408, AI470720, R81649, AI279894, AI933918, AI218414, R69853, AA056022, AI333062, AI004951,</p>

	AI088814, AI301446, AI301394, AA775678, AA603697, AI151369, AA775618, AI961728, D56917, AI151348, AI921968, H88952, AI423219, AA101875, AA345303, AI379653, AI218413, AA148883, R69854, AI553652, C16222, AA247850, AI638373, D62852, D57431, C16128, T99176, AW073968, C21346, D79319, D25644, R57315, D62988, C16117, C16253, N50313, AA918998, R32407, AI096770, AA479361, AA564604, AA479186, R77041, AA478645, AW205520, AW069594, AW104938, AI755000, AW069627, AI264950, AI362021, AI584053, AI367672, AW337368, AA206329, AW128957, AA666020, AI249775, AI130987, AW198220, W74332, AW338136, AA872307, AA171971, AW241261, AW338347, AA148956, AI916347, AA554374, AA862791, AI718186, AA150911, AI659417, AW026625, AI190520, T27978, H89035, AA975415, AA479472, AI911934, AI819270, AA256999, AA977736, AA723064, W72577, AI336178, AA722599, AA905491, AA075265, AI580783, N26834, AA532639, AI193987, AA142873, AI620284, Z20033, AI039612, R62837, AI433157, AI358578, AI500659, AI500523, AI284517, AI275175, AI539771, AI433976, AL045500, AI537677, AI281773, AI491776, AI801325, AI499463, AI624206, AA452612, AW151138, AI696612, AI815232, AW148320, AL045266, AW008048, AI282655, AI572787, AW075351, AI524671, AI274508, AI889376, AI866457, AI282281, AW087445, AW075413, AI432666, AI567940, AL036802, H52440, AI436456, AI610362, AI270707, R64680, AI963846, AI612913, AI554821, AI783504, AI866608, AL121286, AI637584, AW238730, AI538716, AI862144, AI926790, AI500077, AI702406, AI921248, AI590120, AI571909, AL040243, AI702073, AI349598, AI269862, AL038605, AI249323,

	AI702068, AI869367, AI281772, AI631107, AL036396, AI610402, AI281837, AW170635, AW051258, D45889, A74912, I89947, I48979, A08916, A08913, I89931, D13542, I48978, AL137527, AF091084, L31396, AL133640, L31397, AL049452, AF104032, AL122049, AF113013, A03736, AL049430, AF113677, AL050116, AF106862, AL137557, AL122098, A08910, AL050277, AL117457, A08909, AF090943, AF146568, AL080159, S78214, AL133016, AF113699, AL137459, A65341, E07361, AL133080, AF113691, AL080060, A77033, A77035, I33392, AL110196, AL137463, AL133113, AL049466, AF113019, U42766, Y16645, AF113690, AF090903, AL117460, AL050149, AL080124, Y11587, AL050393, AF090934, AL137271, AL049938, AF125949, AL133557, AF177401, U35846, AL049283, AL133565, AF078844, AF090901, AL049382, AL050146, AF090900, I49625, Z82022, AL117583, AL133093, AL122110, AJ242859, AF113694, A58524, U80742, E03348, AF067728, AF113689, AB019565, Y11254, AL049314, AF113676, AF118064, A58523, AL122123, AL110221, AR059958, S68736, AF125948, AF090896, AL122093, AF158248, AL050108, AF118070, AL050138, AF183393, X84990, X72889, AL137550, AL122050, AL133072, X82434, AF111851, E02349, AL133075, AL133560, AF017152, AF017437, AL117435, AF118094, AL080137, I03321, AL122121, AL133606, AF087943, AR011880, E07108, AL096744, AL117394, AL110280, AL050024, AJ000937, AL117585, AL049464, U91329, E15569, A93350, AL137648, A93016, X63574, U67958, AF097996, I42402, U00763, A12297, X93495, AL137538, AJ238278, AF079765, AL110225, I09360, AL133077, I26207, AL137521, AL049300, Y14314, AL137283, U72620, X96540, AF119337, AL080127, X65873, X70685, AF026816, AJ012755, AL133067, AF151205,

1683	HNFD27	876983	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1000 of SEQ ID NO:1683, b is an integer of 15 to 1014, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1683, and where b is greater than or equal to a + 14.</p>	<p>A08912, AF061943, AR038969, E08263, E08264, AL137560, AF185576, X98834, AL110197, AL050172, AL133014, AL137480, S61953, AL133104, AF111112, AR000496, U39656, AF026124, AF057300, AF057299, AL137523, E05822, AL137556, Z37987, AL133568, AL137476, AL137526, AR038854, U58996, AF079763, AF111849, AJ006417, AF003737, AF061981, X87582, AL117440, AC004383, U49908, AL133098, AL137488, AF061573, AF032666, A45787, U96683, Y09972, I00734, Y07905, AF051325, X92070, AF162270, E00617, E00717, E00778, U78525, L19437, A07647, Z72491, M30514, AF177767, AL122118, X53587, AL080074, AL137300, AL137533, AF106827, AC002464, AF106657, AF008439, AR020905, AR013797, A90832, L30117, I17767, E08631, AF095901, E04233, U68387, I09499, AF139986, AL133031, E02221, AF118090, AL122111, AF210052, AL122100</p>
1684	HWLXS11	876984	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 417 of</p>	<p>AI742835, AI469703, R98751, R83167, AI538038, AI215412, T96765, AA206614, R93713, AI678748</p> <p>AI692881, AI240606</p>

1685	HCRPG94	876985	<p>SEQ ID NO:1684, b is an integer of 15 to 431, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1684, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 555 of SEQ ID NO:1685, b is an integer of 15 to 569, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1685, and where b is greater than or equal to a + 14.</p>	<p>AA307658, AW381667, AW295050, AI525535, AF095791, AF220152</p>
1686	HCUGO73	876987	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 908 of SEQ ID NO:1686, b is an integer of 15 to 922, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1686, and where b is greater than or equal to a + 14.</p>	<p>AI581133, AI183335, AI591306, AI859797, AI474090, AA757640, AI076898, AI559591, AA457735, AW173564, AW204070, AA480846, AA767766, AI526090, AI392866, AA723065, AA939140, R52542, AW103638, AA766199, AA757573, AI591339, AI910407, AA036665, W47118, AW020710, AA580663, AL039858, AA708505, AI002285, AW090087, AA641818, N63128, AI440263, AL040827, AI889256, AA939199, AI866465, AI401697, AW263804, AI538850, AI688848, AL120853, AI886440, AI859782, AW161156, AA557132, AI567961, AI801325, AW020373, AI587000, AW020397, AI624950, AI500714, AA056265, AW020693, AI581033, AI961414, T99953, AI918554, AW167918, N99092, AI619513, AI345005, AL041016, AI340627, AI570861, AI889147, AI582932, AL121564, AI685798, AI698391, AI345014, AI538564, AI915291, AW152182, AA420722,</p>

	AW161579, AI471909, AI923989, AI284517, AI590043, AI491852, AL047422, AI889189, AI811192, AI917994, AI473536, AI340982, AW079432, AA857847, AL049048, AI866469, AW151979, AA741027, AI371251, AI859991, AI884318, AI440238, AI624245, AI568061, AW075382, AI923750, AI348854, W74529, AI866573, AI702343, AI539260, AA042949, AA502794, AW191003, AW071380, AL036923, AI334893, J05272, AC007283, U00978, A91160, A91162, I48978, Y10080, X06146, A21101, I52013, AF125948, U49434, AL133080, A83556, AF017790, A08910, AI8788, D89079, AL117440, A08909, S83456, A49139, AF047716, A58524, A58523, AF119337, A08908, X70514, AL137292, I30339, I30334, A08912, AJ006417, E12747, AL136884, S63521, AF087943, A07647, U42766, AF124435, AL122045, AL133072, AF113013, I00734, I48979, A76335, S77771, E00617, E00717, E00778, AL137476, AR038854, A08907, AL050172, U58996, X15132, E04233, A08913, AL137459, AF146568, U72621, AL096720, A12522, A18777, I89931, Y18680, AF111849, S76508, D16301, A08911, I89934, I89944, AL050149, I49625, AF094480, L04849, Y08864, AJ000937, AL137640, AL049430, AL080154, I46765, AL122100, AJ003118, AL117587, AL050280, AF159148, AF026124, AF106945, AF118094, AL117460, U62807, AL049996, AB016226, AF113019, AL133637, AF100931, Y16645, S36676, AL110196, A77033, A77035, AL080159, AF143957, AF079763, Z37987, AL117457, Y14314, AL080156, AR038969, AL137488, AF090901, AL080126, X65873, U35846, L04504, AJ012755, I89947, A17115, A18079, A15345, AL080124, X62580, AL049382, X63162, AL117649, AL110158, AF090903, AL050116, AF061981, I32738, AB030279, AL080163, AL133112,

1687	HPMDD49	876989	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1582 of SEQ ID NO:1687, b is an integer of 15 to 1596, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1687, and where b is greater than or equal to a + 14.</p>	<p>AL137267, I68732, D83032, L13297, A08916, AF031903, AF118090, AL133568, AL110225, AL122123, M80340, AC004200, AF179633, AL137463, X81464, AL137627, AR013797, AF207750, AF113690, AF017437, X66871, AL133558, AL049283, I33392, AF051325, AL049464, L30117, M85164, M27260, AF199027, AF180525, U78525, AL133569, A52563, AL137527, Y07905, AF139986, AR068466, AL137548, AL137665, AF061943, U72620, AL137550, AL137539, AL117648, AL049347, AF038847, Y10936, A90844, AL137560, E02349, AL110296, AF090886, AL096744, I25049, I25048, AF177401, X86693, AF039138, AF039137, AL117394, AL133010, AF112208, AJ005690, AL137479, X72889, A90832, AL133665, I80062, E02152, I79595, AF002985, S75997, AF113694, X82434, AF119336, AF090943, AB031064, AF069506, AL133624, AL110221, X54971, U57352, AF016271, AL117443, AL137641, AL137480, AL049452, I29004, X66417, AL110159, AL133560, S61953, Z48796, AF028823, AL137283, I28326, AF067728, X87582, U67958, A93350, AL137529, E07108</p>
1688	HCNSF23	876990	<p>Preferably excluded from the present invention are one or more</p>	<p>AL134806, AW408278, AW382759, AA315582, N43819, AW393044, AA310712, AA321625, N26436, AW393061, AA089543, AA740922, AW364275, AW402662, AA281391, AI540961, AI271339, D25278</p>
				<p>AI394043, AI198754, AI198189, AA969930, AI739036, AI268413, AA861762, AI222281,</p>

1689	HKDBC15	876991	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 315 of SEQ ID NO:1688, b is an integer of 15 to 329, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1688, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1259 of SEQ ID NO:1689, b is an integer of 15 to 1273, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1689, and where b is greater than or equal to a + 14.</p>	<p>AA883969, AI312584, AW197737, AI337319, W60319, AI476496, AI420953, AI816942, AA917042, AW418714</p> <p>AI862551, AI765006, AI917375, AI972770, AA552639, AI218562, AI768706, W65408, AI350781, AI640306, AA574291, AA468717, AI307307, AA055447, AA514669, AA574359, AA516276, AI658818, AI886513, AW104092, AI056398, AW291148, AW026517, AI537287, AI493566, AI420453, AI962537, AA468798, AA477076, AA055446, W61322, AI669652</p>
1690	HSIGM23	876992	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1006 of SEQ ID NO:1690, b is an integer of 15 to 1020, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1690, and where b is greater than or equal to a + 14.</p>	<p>AA504588, AL138384, R78587, R64412, AA236105, AI367325, R26008, H25950, AI359774, AI222758, AI285942, AI499688, AW072370, AI042411, AA928406, AI817207, AI130765, AW016387, AI082279, AI073537, R78588, R63806, AA405549</p>
1691	HCQBN43	876993	<p>Preferably excluded from the present invention are one or more</p>	<p>AI688703, AI761358, AI813766, AW182487, AI829360, AI380125, AI890417, AW377304,</p>

1692	HCQB003	876994	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1622 of SEQ ID NO:1691, b is an integer of 15 to 1636, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1691, and where b is greater than or equal to a + 14.</p>	<p>AI934593, AW377372, AW377334, AW377268, AW375342, AW377315, AI357827, AW377285, AW377266, AA305061, AI559533, AW377387, AW377252, AW377383, AW377255, AI283201, AI286089, AW377339, AW377240, AW377223, AA515982, AI343596, AI475146, AW193361, AW377246, AA579699, AI289618, AW351695, AA503064, AW377220, AI803822, N49117, AW375369, AW351685, T29359, AW377256, AW375332, N48341, AC000061, AR016032, I11500, I66544, M55131, M76128, A83151, U20418, A49045, AF162427, I66545, AF016950, AF162400, AF013753</p>
			<p>preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 821 of SEQ ID NO:1692, b is an integer of 15 to 835, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1692, and where b is greater than or equal to a + 14.</p>	<p>AW369811, AW014155, AI334392, AA664276, AA608594, AA984631, AI954111, AA410972, AA586953, AW194426, AI445882, AI420061, R11024, AA911063, AI335787, AI623204, AA419568, R11072, AA864381</p>
1693	HCQCF85	876997	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 593 of SEQ ID NO:1693, b is an integer of 15 to 607, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1693, and where b is greater than or equal to a + 14.</p>	

1694	HUVFS16	876998	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1259 of SEQ ID NO:1694, b is an integer of 15 to 1273, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1694, and where b is greater than or equal to a + 14.</p>	AA443167, AL046148, AA243821, AA492497, AA243686, AA405113, AI351901, AA463466, AA011361, AL043877, AB020669, AF054828, AF068920, AF068921
1695	HCQBD51	877000	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 786 of SEQ ID NO:1695, b is an integer of 15 to 800, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1695, and where b is greater than or equal to a + 14.</p>	AI635096, AA165632, AA523697, AW166525, AA769127, AW129960, AI686907, AI768699, AW136550, AI915606, AW188763, H79957, AI540313, AI769970, AA719353, AW151462, AW418915, AA829144, AA165668, AW182418, AW102605, AA757716, C16515, AA907061, AA860897, AI217462, AI217382, AI239881, AA703100, AA577904, R21911, AI637789, N87490, N42130, AI764980, AI936236, AI141067, AA649747, AA642829, R69594, AA528274, AA992380, AC006047, AP000509, AC004185, D84394, AL080317, AC005406, Z97876, AC009542, AC009330, AF058907, AF196971, Z98750, AC011604, AL030998, Z83820, AC004707, AC004617, AC004691, AC007319, Z97054, AC005908, AC003983, AL023280, AL031073, M74509, AC010209, AF026254, AF026248, AF026249, AC003678, AC003689, AC002094, U77841, AC004772, AL022147, AC004924, AC003093, AC004985, AC005574, AC003082, AL049697, AR036572, U91328, AC007206, AP000083, AC006023, AC002536, Z83839, AP000689, AC002059, AJ239329, AP000688, AB003151, Z98257, AC006017, AC005632, AC003087, AC006335, AC007317, AC022517, Z97198, AC000385
1696	HCRMUI8	877001	<p>Preferably excluded from the present invention are one or more</p>	AA486568, AI733856, AA077667, AI090377, AA831426, AI336771, AA493546, AA670392,

1697	HONAN63	877002	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 504 of SEQ ID NO:1696, b is an integer of 15 to 518, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1696, and where b is greater than or equal to a + 14.</p>	<p>AI816058, AC005914, AL035681, AL050307, AC009516, Z83826, AC005015, AC007041, AC004706, AC005484, AC004819, AC007536, AL121825, AF067844, AP000512, AC004962, AC007685, AF109907, AC005412, AC009247, AC005274, AF027390, AC002477, AC006487, AC006011, AL022318, U62293, AC005730, AC005069, U22376, AC005800, AL139054, AC007216, AC004150, AC000353, Z95114, AC005754, AL049569, AL049766, AC005013, AC005081, AB023049, AC006581, AP000558, AP000045, AL080243, AC009248, AC005071, AC004686, AL109628, AC007073, AC005971, AL035461, AL022721, AC005164, AL096791, AC005057, D84394, AL121658, AC006251, AC009721, AC003663, AC007371, AL049869, AL031432, L44140, Z98950, AC005520, AP000031, Z98946, AL022238, AC006511, AP000557, AC004668, AL031666, AF207550, AC005488, AC005358, AL117694, AC019014, AL121603, AL021940, AC007226, AC005632, AC005670, AC005529, AC006006, AC008115, AC002300, AL035086, AC005200, AC004491, AL023807, AF200465, AP000116, AC007676, AC004149, AF129756, AC007899, AC005740, AC006961, AC004913, AC005088, AA305628, AA308609, AA300521, AA356487, AA363124, AB020712</p>
			<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 530 of SEQ ID NO:1697, b is an integer of 15 to 544, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1697, and where b is greater than or equal to a + 14.</p>	

1698	HCQCU65	877004	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 518 of SEQ ID NO:1698, b is an integer of 15 to 532, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1698, and where b is greater than or equal to a + 14.</p>	<p>H73991, AI770045, AI866911, N24909, AA418453, N20611, AC006153</p>
1699	HCRNO79	877005	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 175 of SEQ ID NO:1699, b is an integer of 15 to 189, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1699, and where b is greater than or equal to a + 14.</p>	<p>AA987568, AL035420</p>
1700	HCRMO22	877006	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 624 of SEQ ID NO:1700, b is an integer of 15 to 638, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1700, and where b is greater than or equal to a + 14.</p>	<p>AB028946</p>

1701	HFDME46	877007	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 681 of SEQ ID NO:1701, b is an integer of 15 to 695, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1701, and where b is greater than or equal to a + 14.</p>	<p>AA074619, AW375400, AW389301, AI909808, AW389291, AB014603</p>
1702	HCWHN82	877008	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 531 of SEQ ID NO:1702, b is an integer of 15 to 545, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1702, and where b is greater than or equal to a + 14.</p>	<p>AI283018, AW451644, AA889452, AI369736, AA971331, AI811185, AA991486, AA146655, AI888354, AA319058, AW388636, AI569358, AA877264, AI473558, F35033, C17917, AI952676, AI752007, AI860674, AW378122, AI687473, AW364312, AI209004, AI476109, AI446124, AW084219, AI567637, AW168485, AI805638, AW189268, AI244380, AI564515, AW088903, AI866002, AI678021, AW088899, AI701975, AI359590, AI696819, AI817543, AI365256, AI358042, AI610645, AI682075, AW409775, AI587288, AI886532, AW044626, AI697324, AI687362, AI499263, AW151729, AI280661, AI537617, AI611743, AI612759, AI570966, AI915243, AI633419, AI537991, AA603709, AI288285, AI866082, AW089179, AI690924, AI952302, AW085786, AI569309, AW023338, AI799199, AI569328, AI677797, AI249877, AI890057, AI471361, AI648408, AI539153, AI619716, AI867042, AI566630, AW265004, AI472536, AI919345, AW130863, AW168795, AI366549, AI636719, AI866741, AW002174, AA807088, AW118518, AI829327, AI805688, AW083804, AI696626, AI249946, AI589993,</p>

	AI241792, AI800138, AI583961, AW023590, AW082600, AI282504, AI598061, AW151785, AI620868, N74355, AW103886, AI961310, AW090451, AW083189, AI813919, AW059713, AI969641, AI687465, AI554343, AI699011, AW193203, AW189933, AI560052, F34958, AI922577, AI874151, AI613471, AI620093, AI635299, AI680498, AW151714, AW129230, AA830821, AW089006, AI274013, AI699862, AI890182, AI282508, AI567993, AI539771, AI873638, AI866608, AI476371, AI580674, AI475394, AI266436, AI888621, AI951446, AW149876, AI554344, AW078710, AI470293, AI567351, AI631112, AI491783, AI924721, AI339435, AI540823, AI698401, AI802240, AI572717, AI952920, AI251830, AI805769, AI434242, AI783861, AW103441, AI568296, AI921734, AW075522, AI620287, AI866786, AI568132, AI473528, AI590999, AI922996, AI828574, AW079159, AW151750, AI811912, AI799234, AI670782, AI280670, AW409687, AI567302, AI912866, AI439443, AW242116, AI697420, AI863357, AI364788, Z98484, AI828731, AI554484, AI885982, AI474107, AI955604, AI632408, AW151034, AI540821, AI472422, AW172723, AW170663, AW089436, AW081231, AI799195, AI682720, AW129170, AW151847, AI696186, AI590686, AI269580, AI573026, AI587606, AI254727, AI343582, AI468872, AW163823, AW089327, AI698427, W46547, AI824746, AW079075, AI631212, AI433976, AI564749, AL110306, AW081255, AI922901, AW148716, AI627909, AI954075, AI873604, AA848053, AW406745, AI249962, AI801608, AI499621, AI697099, AI537076, AI929108, AL046463, AI758816, AI589668, AI336575, AI689579, AW268261, AI741926,

	AI400725, AI432790, AI863014, AI932794, AI151681, AL031228, D84401, E12645, AF117221, D82060, AL117578, AL137556, AL133014, AL18777, AL080074, AL122098, AL137558, AF012536, I48978, A08916, I89947, AL080137, A08913, I89931, A08912, A08910, E03348, I49625, E03349, A08909, U42031, AL050138, S77771, AR038854, AL133645, A08908, AL137300, X80340, X93495, AF067790, AF119337, AF000145, I26207, D83989, U67958, Y08769, AL122045, I66342, AF106657, AL133010, U88966, AL080124, AF162270, AL137292, AL122111, L30117, AL080127, AL137705, AB019565, AF017437, AF065135, AF210052, AF205861, AF185576, I89934, I89944, AF113689, E02253, AR059958, U96683, X79812, AL137640, S68736, U80742, AI2297, X96540, A77033, A77035, S76508, AR000496, D89079, U39656, I42402, E15569, AF032666, AL137463, AL080060, AL137429, AL133067, AR038969, AF132676, AF061836, AL137538, AF090886, AL137712, AL137527, E02221, AF111112, AL137526, X00861, I09360, AL133093, X87582, E05822, AF215669, AL122106, X84990, AF017152, AL133665, AF125949, A45787, AL133077, AL137658, AF030513, AL137294, AF113691, AL110280, A18788, A93016, AF078844, AF118070, A93350, Y14314, AL080140, S79832, AF022363, AL122121, U72620, X72889, A65341, J05032, AL133016, AL137273, AL117432, AF104032, I48979, AF003737, X72387, E04233, AL110221, AL117440, AL122118, AL049465, AL137476, AL050277, AL133104, AF114170, A65340, AL133558, Y11587, U00763, X62580, AL049382, AL137574, U78525, AF090901, AL133072, AF113013, AF008439, X81464, I41145, S61953, A21103, A08911, AL080086, AF113019, AL049460, E15582, AF028823, AF100931, AL122049, L19437, Y16645, AF118064, AL137478, AL122050, AL080159,

1703	HHPEK59	877009	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1606 of SEQ ID NO:1703, b is an integer of 15 to 1620, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1703, and where b is greater than or equal to a + 14.</p>	<p>AL133640, AL133098, X52128, AF159615, I17544, AL133557, AB007812, AL080158, X92070, U87620, S69510, AL133075, AF061795, AF151685, AF113676, AL096744, AJ003118, AF158248, U49434, AF061981, AL133568, AF146568, AL080148, AL133113, AL133565, E01614, E13364, AF106862, AF081197, AF081195, X53587, AC002467, X82434, A08907, AR019470, I33392, Z82022, AF176651, AF183393, AF153205, AF106697, A52563, AF139986, A08915, AF057300, AF057299, AL137283, AL117585, Y10080, AR068751, S75997, AR029490, Z72491, AL133081, AL049452, AL117460, L31396, I80064, AL137521, L31397, S78214, M92439, A15345, AL049464, AL117648, AF090934, AF118094, AL137557, U95114, AL110196, AL049466, AF118090, AL049314, AL080154, I03321, U58996, E06743, A90832, AA149062, W55857, AI654104, N91520, AA398769, AL041623, AA149063, AA307763, AW450873, AI082461, AA709050, W06955, AI079909, AI920841, AA292830, AI268616, AA191706, AA010085, R07052, Z44437, T87013, T12757, Z40368, AA844584, AI955471, W55858, AW135814, T52489, N48933, T56321, N46430, AA864954, AI274165, AF027218, AF027219, AF155101</p>
1704	HKCTB07	877010	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 391 of SEQ ID NO:1704, b is an integer of 15 to 405, where both a and b</p>	AF105020

1705	HFPI222	877011	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1704, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1578 of SEQ ID NO:1705, b is an integer of 15 to 1592, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1705, and where b is greater than or equal to a + 14.</p>	<p>AI458123, AA770557, AW299665, AW236534, AI952929, AI340145, AI339835, AI650682, AI472033, AA256229, AI268229, AA678840, AW190757, AI075831, AI631649, AL138340, AW080424, AA293773, AI373728, AA704702, AA677322, AI033016, AW204318, AA848089, AI891160, AA399568, AA227660, AI001981, N24286, AA747722, AI537348, AW025794, AA218733, AI865908, H98718, H64686, R38180, R17022, N70123, AI493281, AW007482, H70397, AW134908, AA334373, W04161, R09968, AA394090, R16715, T77116, W01375, AI690748, AW169604, AI624293, AI267162, AI245731, AI273189, AI627988, AI698391, AI368579, AI969655, AW149925, AL046835, AI690687, AI524654, AI289310, AI868204, AW051088, AI869377, AI678446, AI613038, AI590043, AI469587, AA464646, AI589428, AI590830, AI863382, AI677797, AI621341, AW149076, AI536574, AI538850, AI921254, AI927233, AI568592, AI590423, AW020397, AI583982, AI950892, AL045266, AI335208, AI491775, AI865906, AI612913, AI888208, AI670009, AI433157, AI702073, AI890507, AI682968, AI401697, AI538564, AI445611, AI679266, AI913312, AI686576, AL037454, AI627893, AI586931, AI872545, AL037582, AL037602, AI815232, AI281757, AA766116, AI537677, AI434731, AI635634, AI648454, AI634467, AL036802, AI540674, AL039086, AL036673, AI471282, AW162194, AI582932, AW148423, AI923989, AI583578, AI866770, AL120300, AI890907, AI370623,</p>
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	AI633009, AI251221, AI590020, AL042944, AI884318, AI933992, AI570056, AI699823, AI523806, AI571439, AL046595, AI553645, AI287449, AW020419, AI865900, AI435253, AA420722, AI263312, AI536601, AW169671, AI349772, AI225023, AI473208, AI632408, AI355277, AL045413, R36271, AA502794, AI439745, AW163834, AI270295, AW023338, AI340603, AI801793, AW075382, AI570861, AL040241, AI610402, AI635016, AI440399, AL046944, AI312428, AI828412, AL046466, AI909641, AI623662, AI859991, AI142101, AI345688, AI912434, AI500061, AW102798, AI686817, AA572758, AA641818, AI249389, AI826331, AI633125, AL042981, AL134259, AI561356, AL079963, AI915291, AW152182, AW166870, N33175, AI565172, AI540676, AI800433, AI888501, AL121365, AI889189, R32821, AI345745, AI538885, AI539560, AI612750, AI440239, AL040011, AI479292, AI866469, AI818574, AL036396, AI500714, AI340519, AI432644, AW193894, AI469532, AI872423, AI638644, AL119828, AI623941, AI699020, AW302988, AI524179, AW193635, AI521560, W46378, AW168788, W74529, AI741158, AI686808, AL048323, AI802542, AW161579, AL119748, AI559752, AL048340, AI500514, AI918435, AW238688, AI241741, AW089272, AI684244, AI358701, AI306610, AI590227, AF007128, AC005182, AL035458, AC006336, AJ001388, AF032666, AF097996, I48978, A65341, AL122110, AJ005690, I89947, AF140224, AL122093, L31396, AJ012755, L31397, I48979, AL117587, AF047716, AL137558, S78214, AR038854, A07588, A77033, A77035, AL050108, AL050138, AF199027, AL117435, A08916, A08910, AL035407, AF200464, U72620, AL133557, AP000208, AF017437,

	Y16645, L40363, AL049423, AP000247, AL080148, AL049452, A08909, A08913, S68736, A15345, AL122050, AL050278, AC007114, AF067728, E03671, AL049382, AL117460, I66342, Z97214, AF113699, AL096744, AL133565, AF104032, AF091084, X67813, AL049300, A65340, AL137478, S79832, AL078630, AL133067, AL133640, AL137459, AF090903, AF177401, AL133560, U67958, AL080159, AF022363, AL133113, AL110280, U42766, AL049283, AF109906, AL110225, AR034821, X96540, AL136884, AL137530, X89102, AL117416, AL050149, AF061981, M92439, A58524, A58523, E02349, Y09972, A08912, AF090896, AL137294, AL050393, A18777, I89931, Y11254, AJ000937, AL110221, AL117457, AL050116, AL049339, AF158248, AF090901, A03736, AF115410, AR011880, AL133637, X79812, AL050024, Z13966, AF061795, AF151685, AL137533, AL137550, AF061573, AL137292, S76508, S61953, I49625, AF113690, A57389, AL133080, AF087943, AF079763, AL122098, AL133075, E01614, E13364, AL137271, AL137480, AF102578, AF026816, AL050277, A08908, AF118070, U58996, Z82022, AF100931, Y10823, AL137557, D89079, AJ238278, E07108, AF090900, I32738, AL133665, U88966, AF000130, I89944, AR020905, AF113694, AF113677, S63521, AF118064, AL049938, I33392, AF183393, AL080162, AL023657, AL117394, AL080126, AL133619, A21103, X82434, S36676, A93350, Y14314, AF057300, AF057299, AC006112, I89934, AF090934, Y11587, AF106827, X84990, AF081197, AF081195, AF118094, AL133016, AL050155, U35846, AL137479, AL080124, U75932, AB019565, S75997, AF113019, AL110196, AF107847, X70685, AF115392, AF125948, AF125949, A45787, AL080140, AL050146, AL133031, U78525, AF079765, AF106862, X98834, D83032, AF126247, AF082526, A76335

1706	HE8FB89	877012	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1428 of SEQ ID NO:1706, b is an integer of 15 to 1442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1706, and where b is greater than or equal to a + 14.</p>	<p>AI797081, AI669186, AI922708, AI400881, AA156853, AA062971, AW027338, AA431360, AI091639, AI627975, AI358574, AI202381, AA255522, AW086138, AA90259, AA806628, AA255565, AI367251, AA088310, AA765366, D63210, AI796381, H48099, H48098, AA720634, AL079437, AI758780, AI911927, AW022560, AA256707, AA737329, AA255588, AA877667, AA455364, AA813874</p>
1707	HCRND67	877013	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 794 of SEQ ID NO:1707, b is an integer of 15 to 808, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1707, and where b is greater than or equal to a + 14.</p>	<p>AA648907, AW001743, N40531, AI978754, AI446119, AI949312, AA252030, AA521447, AW024768, AI039260, AI962419, AI935656, AI416968, AI361764, AA860961, AI127900, AI936802, AI761487, AI580311, AI917267, AW024010, AI189597, AI864624, AA131263, AI351462, AI422420, AA904280, AI636058, AA931114, AA484898, AI767707, AW262532, AA191430, AI312828, AA860568, N46577, AA804488, AI680207, AA628794, N45139, AI694810, AA574232, AI522273, AI362932, N46583, AA364681, H91961, N40538, W22178, H99173, W22807, AA829581, AL046944, R79750, AC005325</p>
1708	HSPA101	877014	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1041 of SEQ ID NO:1708, b is an integer of 15 to 1055, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1708, and where b is greater</p>	<p>AI378753, N35689, AW207088, AW151846, W49562, AI457284, N35406, W49563, AA334557, R58493, H24416, AI678442, AI791556, AA242954, R30676, AW022665, R47185, AL031652, L41349, L13935, L13936, L13937, L13938, AL117633, L15556, L18962, AF027571, AF031370, U57836</p>

1709	HOSXA83	877015	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1030 of SEQ ID NO:1709, b is an integer of 15 to 1044, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1709, and where b is greater than or equal to $a + 14$.</p>	AA100220, AI167817, AA113216, AA324768, AA085997, AA149087, AI493421, AA629345, AA625949, AA149086, AA669959, AA431870, AI866312, Z28464, AA172371, AW173386, AI183937, AA431871, AA262957, AL036908, AI271960, AA085643
1710	HAVTF85	877018	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 881 of SEQ ID NO:1710, b is an integer of 15 to 895, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1710, and where b is greater than or equal to $a + 14$.</p>	AL037339, AA811927, AI720889, AA926797, AL039480, AA442561, AA858311, AI566218, AA846839, AI583216, AI635043, AA699924, AI192601, W69310, AI262270, AA526986, AI304664, AI1310345, W69206, AI147372, AA973817, AI431515, AI818856, AI033497, AA983644, AW129307, AA701244, AA926804, AA630163, AI289870, AI061307, AA554361, AI566853, AI262295, AA031671, AI092076, AI280857, W73760, AW074354, AI924486, AI367351, AA304674, N75814, AA678529, AA130266, AA808417, W68377, N50405, AA831659, AA907418, N50457, T89689, N75514, AI244342, AI445788, AA365398, R55802, AA853796, AI632051, AA291486, R28626, W68336, H29812, R52537, R42369, H02369, F02630, AI686839, AA188995, F03753, AW236685, F04385, W73593, AA728837, C02595, AA653337, AA883260, R43407, T29673, AI471055, AA190445, AI567050, AA031670, AI246665, AI658622, R33489, AI932403, AL041862, AI452556, AI923989, AW188793, AI042745, AW071349, AL046356, AI554245, AL119748, AL079977, AI815232, AL046926, AL040243, AI434223, AL047675, AI866573, AL042628,

	AI933785, AI433976, AL045500, AI433157, AL042744, AW151136, AL047092, AIS39771, AI500523, AI538716, AI537677, AI500659, AI554821, AI801325, AI582932, AI284517, AI500706, AI445237, AI491776, AW151138, AI521560, AI889189, AI500662, AI284509, AI889168, AI633493, AI434256, AI888661, AI284513, AI569579, AI888118, AI440252, AW129106, AL042787, AL045266, AL042551, AI432666, AW150578, AI800453, AW132001, AW071417, AI620284, AI800433, AL042627, AI866510, AL045620, AI826225, AI805769, AI275175, AW020693, AI537515, AW301505, AL049085, AI499463, AI610362, AI491852, AI889148, AI889147, AI432656, AI812015, AW082113, AI440239, AL042538, AI627893, AI538342, AL045891, AL045774, AI269862, AW196105, AI251221, AW268122, AI436429, AI537273, AI436456, AW081255, AW080379, AI963846, AI520702, AI567940, AI817244, AL039276, AI612913, AI805385, AI811785, AI494201, AI285826, AI863014, AI521594, AI499512, AI815855, AI636372, AI889133, AW005858, AI630252, AI567993, AL047422, AW088899, AI133559, AL045163, AL037454, AI344928, N80094, AI610429, AW162071, AI539632, AI564765, AI610402, AI539847, AL079963, AI567935, AI349772, AI364788, AL041150, AI698401, AW079572, AW161579, AI539028, AL036638, AA225339, AW083804, AI049851, AW169671, AI686906, AI866608, AI537617, AL036736, AI284131, AL036802, AI783504, AW190042, AI648663, AL121286, AW073994, AI889953, AI345608, AL048377, AI680162, AI862144, AL040097, AI567360, AA572758, AW088134, AI539153, AI698391, AI612885,

	AI539238, I48979, AL110225, AL122049, I48978, AL122098, I89947, AL133072, AL117460, U42766, AL133016, A12297, AL137271, A08916, AL122050, A08913, A08910, A08909, AF078844, I33392, AF111851, AL110221, AF118064, AL050024, AF067728, AL049283, AL133080, I89931, AL050277, AF017152, S68736, AF146568, AL050138, I49625, AF177401, I03321, AL049430, AL117585, AF090896, AL122093, AL122110, Y11587, AF113689, AL137557, AL137560, AF113013, AL122123, AF113694, AL133560, AB019565, U91329, Y11254, AL133640, AL117457, AL133077, AL080124, AL133606, AF113677, AL137550, AL137459, E07108, AL050108, X82434, E03348, AL049938, U80742, Y16645, AJ000937, AL049314, S78214, AL133075, AL096744, AL117435, AL133565, AF079765, U00763, E07361, AF113690, AF090943, AF118070, AF113699, AL137648, AF113691, AL133557, AL050116, AF125949, AL137527, AF106862, X98834, AF113019, A93016, AF090934, AF158248, AL122121, AF091084, AL117583, AF183393, AL133568, AL117394, AL133113, I26207, U35846, AF118094, X84990, AL080127, AL050393, X63574, AJ012755, X96540, AL133104, AF097996, AF090903, AF113676, AF090901, U72620, AL080060, X72889, AL133093, AJ242859, AR059958, AL137538, AJ238278, I00734, AF125948, AL080137, AF104032, AL049466, AF017437, AL049452, AL110196, A77033, A77035, X70685, E02349, E15569, A93350, AF090900, E00617, E00717, E00778, AL050146, AL137463, A65341, AF087943, AL049382, I42402, Z82022, AF026124, AL133014, X65873, A03736, AL137521, A58524, A58523, AL050149, AF111112, AR011880, I09360, AL050172, AL049464, L31396, L31397, AF061943, X93495, A08912, AL137476, AL049300, U67958, AF119337, AL137283, AL080159, AL110197,

1711	HTEPJ45	877019	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1600 of SEQ ID NO:1711, b is an integer of 15 to 1614, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1711, and where b is greater than or equal to a + 14.</p>	<p>AL137533, I09499, AF026816, AR038969, AL137526, AR000496, U39656, L13616, E08263, E08264, S61953, A90832, Y09972, U49908, AF003737, E04233, Y14314, AL110280, AL137556, AF153205, AF185576, AL137523, A07647, AF057300, AF008439, AF057299, A45787, AL080148, AJ006417, AR038854, AL133067, U58996, E02221, AL137480, Z72491, AL080074, X53587, E05822, AL133098, AF079763, E08631, AF061573, AF162270, L30117, M30514, AL117440, AL137273, Y07905, AL137292, AL137478, I17767, U96683, X83508, AL023657, AF111849, U68387, AR013797, X87582, AF106827, AL137294, AL133049, AL117432, I41145, X62580, AL133081, L05186, E12747, AL050092, AL110222, AR020905, AF132676, AF061836, X52128, U78525, AL137488</p> <p>AW135340, AI908516, AW003833, AI692953, AI693316, AW242982, AI194008, AI672260, AI497695, AW242975, N63914, AW242988, AI341520, AI972371, AI373504, AA705554, AI633950, AI276537, AA699365, AI989919, AW204605, H11413, W00441, AA279329, AI656862, AI961706, AA455604, F28946, AI678125, W20411, N98286, H08430, AA455968, W32633, AA528280, AI702940, H85245, T95059, H08429, F13395, T81953, F37163, AA215977, AA301556, T95155, F11101, T77655, H11389, AA279895, AW196491, AI915713, N80005, AA806720, AI802542, AI624279, AW198090, AI584140, AI890223, AI612913, AI648509, AI439717, AI572676, AI702406, AI497733, AW104724, AI886124, AL121328, AI254731, AI224027, AW087445, AW168795, AI934011, AI539687, AI537677, AW262565, AI569616, AI801766, AI610402, AW071349, AI811344, AI520785, AI680498, AI591316, AI554818, AI468872, AA225339, AI269205, AI566670, AI824746, AL079963, AI433976, AI269862,</p>
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	AL042628, AI636588, AI619502, AW129659, AI554427, AW132056, AI567846, AI440239, AL119863, AL040243, AI491852, AI539771, AI500077, AI637584, AI364788, AI249257, AI559296, AI859511, AI873604, AI701074, AI890833, AI926790, AW170635, AI564719, AL045266, AL134830, AI677796, AW130776, AI569583, AW026882, AI538085, AW149311, AI433157, AI702073, AI284484, AI273048, AI934036, AI679990, AI868831, AI950664, AI475371, AI571909, AI247193, AI498067, AI280747, AW023590, AW088903, AI633419, AI280751, AI540832, AL045500, AL041150, AW193000, AI587143, AI270055, AW090013, AI627360, AI318280, AI633125, AW150578, AI673785, AI439745, AI536638, AI590120, AI274508, AW302988, AI863014, AL036361, AI275175, AW051258, AI282504, AI362637, AI537024, AI610362, AI274013, AI590118, AI815855, AL046944, AI648663, AI620284, AI568296, AI281837, AI475451, AW081036, AI922901, AL043981, AI434223, AI097248, AI702068, AI269696, AW301409, AI866608, AI254042, AI284517, AI475394, AI862139, AI687362, AI917055, AI500659, AI539808, AW169653, AI476109, AL047763, AI590021, AI801325, AI500523, AA807352, AI624206, AL121270, AI270707, AA470491, AI857296, AI500706, AL039276, AW169671, AI801152, AI536685, AI491776, AI445237, AI349004, AW151138, AI696612, AI828731, AI570989, AI500662, AW274192, AI564247, AL110402, AI499285, AL041573, AI889376, AI784252, AW268220, AL043326, AI524671, AW008048, AI921248, AI554344, AI955917, AI570909, AI648454, AI572787, AI445025, AI433037,

	AL121463, AI884469, AI648684, AI612759, AI560099, AI064830, AA835801, AL043975, AI469532, AI500146, AI680165, AI573032, AI872711, AWI48716, AF013168, D87683, AC002096, I89947, Y16645, AL122050, AL137550, I48979, AL133557, I48978, AL110221, AF090943, AF017437, AF11851, AL050393, AL117460, AL117435, AF090934, A08916, AL122123, Y11254, AL137459, X84990, A08913, AL049382, AF090900, AF090903, AF118070, AL133075, AF113677, AL080124, AF158248, AF113019, A65341, S68736, AL137527, I89931, AL117457, I49625, AL050138, AF113694, U42766, AF113690, AL133080, AL117585, AL050149, AF090901, A77033, A77035, AL049452, AL122093, X82434, AL137557, AL050116, AF146568, AF104032, S78214, AL110196, AJ000937, AF079765, AL049314, AF017152, AL096744, AL133016, AF078844, AL133606, E07361, AL133640, E02349, AF113676, AL080137, Z82022, AF125949, AF090896, X63574, Y11587, AF113013, L31396, L31397, AF091084, AF106862, AL050277, A08910, AF177401, AL122121, E03348, AF183393, AF125948, AL050108, AF118064, AF113691, AL049466, A93016, AL133560, AJ238278, AL050146, AL110225, AL137283, AF113699, AL117394, AL080060, AB019565, AL133565, AL049464, AF113689, AL133093, AR059958, AR011880, AJ242859, AL049300, AF097996, E07108, AL049938, AL117583, U91329, AF118094, X93495, A58524, A58523, I33392, A08909, AL122098, AL133113, AL050024, AL049430, AL122110, U00763, AL137271, AL137538, X70685, AL137648, I03321, X72889, AL137463, A08912, AL080127, AL12297, U35846, AJ012755, U80742, AF000145, X96540, U72620, A03736, X65873, AF061943, AF067728, AF119337, AL049283, AL080159, AL133014, X98834, AF087943, AL133568, AL133072, AF111112,

1712	HOSBX95	877020	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 516 of SEQ ID NO:1712, b is an integer of 15 to 530, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1712, and where b is greater than or equal to a + 14.</p>	<p>AL122049, AL137521, I09360, AR000496, U39656, I42402, E08263, E08264, AL122111, AL133067, U67958, AL110197, E15569, A93350, AL137533, AL137523, AF057300, AF057299, AF026124, AF153205, U58996, AF079763, AL133077, E05822, AL137560, AL137480, AR013797, Y09972, AF026816, I26207, AL050172, S61953, AL137556, AL137526, I00734, E00617, E00717, E00778, U68387, E02221, I66342, A08911, Z37987, AC006371, Y14314, AR038969, A07647, AL110280, AL137429, AL080074, Z72491, AL137292, AL137476, Y10655, AF003737, U78525, AL080148, U96683, AL133104, AF100931, E06743, AF106827, AF159615, AF185576, X87582, I17767, A45787, AF061981, AL133558, AF111849, AL137488, AF162270, E08631, AL122118, Y07905, AF061573, AL133665, M30514, AL117440, AR038854, AC005992, AL122045, AF095901, AJ006417, E04233, AF118090, AL133098, AF081197, AR054984, AL133081, I09499, AL110222, L30117 AW393918, N56766</p>
1713	HSIFP30	877022	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	<p>AI678780, T98311, R10554, AF209389</p>

1714	HE9HL05	877023	<p>is any integer between 1 to 714 of SEQ ID NO:1713, b is an integer of 15 to 728, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1713, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1581 of SEQ ID NO:1714, b is an integer of 15 to 1595, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1714, and where b is greater than or equal to a + 14.</p>	<p>AI114634, AI310154, N48237, AI040784, R96774, R91077, AA333785, AA334375, T82801, AA678184, T95816, AI678780, T96750, R91078, AA344220, R09895, T74622, T68354, N49552, AA332963, AI023306, T71511, T95519, R92515, T60367, AI791396, AW172723, AI815239, AI362332, AI249946, AA665587, AW078729, AI805769, AW265004, H42825, AI669639, AI608802, AW074274, AI702540, AI499104, AI758816, AW263799, AI886163, AI476147, AI677797, AW026633, AI816956, AI677647, AI911645, AI961622, AI250175, AA614660, AI244380, AI446124, AI492528, AI869750, AI921609, AI699154, AI270039, AI040725, AA810969, AW189003, AW087898, AI446564, AI419311, AI612723, AI627390, AI364220, AI572418, AW410769, AI628855, AI446110, AI872810, AI471424, AW150505, AI570195, AW150351, AW118457, AI694855, AI419417, AI369029, AI474427, AI568870, AW079656, AA088789, AI521128, AW168031, AI660848, AA910956, AI701948, AI589433, AI805385, AI591381, AI333552, AW263697, AI679622, AI683465, AI610645, AI952302, AI625231, AI696626, AI890714, AI347569, AI671638, AI560514, AW193020, AF209389, J04813, M18907, X12387, M14096, E02555, D31921, D00408, E02532, J04449, S53047, X90579, M13785, AF182273, L26985, X54915, U59378, AF109068, Y10214, M73992, Y11995,</p>
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1715	HWLMB91	877024	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 577 of SEQ ID NO:1715, b is an integer of 15 to 591, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1715, and where b is greater than or equal to a + 14.</p>	<p>AF204959, AF185589, D11131, S74699, S74700, L35912, I12087, AF067420, A94751, U77594, AL137561, AC004455, AF109906, U92068, A69673, A69681, U89906, AF106934, AF059612, AL133645, AR068182, AL137659, AC005284, AC007370</p> <p>AI188270, AI742085, AI167453, AW204725, R53616, R48325, AA347732, AW341017, AA579588, F35057, AA768452</p>
1716	HOVEE11	877025	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1960 of SEQ ID NO:1716, b is an integer of 15 to 1974, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1716, and where b is greater than or equal to a + 14.</p>	<p>AI762892, AI760766, AI174624, AW081757, AI824008, W94214, AI189223, AA447177, AI927354, AA443809, AI307319, AI299589, AI372949, N30895, WB1043, AI934550, AA605197, AW390982, AI168782, W81079, N56763, AW374587, W72920, AI538814, AW079505, AW137328, AA629096, AI699821, AI767317</p>
1717	HCVBN69	877026	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 545 of SEQ ID NO:1717, b is an integer of</p>	<p>AA127756, AA769607, AA305740, AW403303, AA361909, D81026, D81030, C14389, D80522, C15076, D80133, D80166, D80193, D80212, D59502, D80195, D80022, D80164, AW377671, D80391, C14331, D59787, D59619, D80038, D80210, D80196, D58283, D80269, D80240, D59467, D59275, D59859, D80227, D59927, D80219, D51423, D51799, D80253,</p>

<p>15 to 559, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1717, and where b is greater than or equal to a + 14.</p>	<p>D80366, D80043, D57483, D80188, D50979, D80045, D80248, D80378, D59889, D80024, D80258, AA305409, D59610, D50995, C14429, D59627, D80251, D80241, D80268, AA305578, D51060, D59373, D51022, C06015, AA514188, C75259, AW177440, D80014, D80439, D80302, C14014, AW360811, AW178893, AA514186, D80247, T03269, D80132, AW375405, T02974, D80157, AW179328, D51213, D59503, AW178983, AW378532, AW366296, C14227, C14077, AW360844, D58101, AW360817, AW375406, AW377676, D51103, AW378534, AW179332, AW377672, AW177501, AW179023, C05695, AW178905, AW177511, AW137066, AW178906, D80064, D81111, AW178762, D80134, D51250, D51759, AW176467, AW352171, AW352170, D58253, AW360834, AW177731, AW178775, AW178907, AW378528, AW179019, AW179024, AW369651, AW367967, AW352158, AW177505, AW360841, AW352117, AI243347, AW179020, AI239543, AW178909, AW177456, AW179329, AW178980, AW178914, AW177733, AW178908, AW178754, AW179018, F13647, T48593, C14407, D59653, AW179004, AW179012, AW178774, AW378525, AW352163, AI910186, AW352120, AW352174, AA805151, C14298, D45260, D80168, AW179009, AI905856, AW178911, AW378543, AW177722, AW177728, C03092, D58246, AW378540, AW378539, AW367950, AI557751, AI525923, AA809122, H67854, T11417, H67866, AW178781, AW177508, AI557774, T03116, D59695, D59317, D80949, AI525917, Z21582, AI535850, AW178986, AW177497, D45273, D52291, AW177723, C14344, AI535686, D59474, AW179011, D59551, C14973, AA514184, AW378533, AA285331, D51221, T03048, AI525920, AW177734, D60010, D60214, AI525227, D51097, D51079, C14957, C14046, AI525925, AI525242, AI525235, AI525222, AI525912,</p>
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1718	HWLWN2 4	877027	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 820 of SEQ ID NO:1718, b is an integer of 15 to 834, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1718, and where b is greater than or equal to a + 14.</p>	AI525215, AW378542, C13958, C16955, C05763, Z33452, AC005035, AB013385, AL137755, AF096300, AB014587, U88984, A84916, AR018138, AJ132110, A62300, A62298, AF058696, AB028859, AR008278, A82595, A67220, AR060385, AB002449, X67155, Y17188, D26022, A25909, Y12724, D89785, A78862, D34614, A94995, D88547, AR008443, I50126, I50132, I50128, I50133, I82448, X82626, AR016808, AR066488, AR016514, AR060138, A45456, I14842, A26615, AR052274, AR038669, AR025207, Y09669, A43192, A43190, AR066487, A30438, AR054175, D50010, AR066490, Y17187, I18367, A63261, AR008277, AR008281, AR008408, AR062872, A70867, AR016691, AR016690, U46128, AB012117, D13509, X68127, I79511, A64136, A68321, AR060133, A85396, D88507, AR066482, A44171, A85477, I19525, A86792, X93549, U79457, AF123263, X72378, AR032065, AR008382 AI301935, AI760340, AI921888, N30193, AA748734, AI743279, AI284147, AA648777, AW304324, AI916877, AA732729, AA971316, AI218098, AA933916, AA504339, R66801, AA648769, R67901, N40188, R27573, R27672, AI802542, AW403717, AI440239, AI919345, AI612913, AI619502, AI564719, AL048556, AL040243, AW026882, AI433157, AL047763, AI270055, AI499393, AI249497, AI445025, AL045500, AI475371, AI811344, AI539771, AI635942, AI912288, AI934011, AI560099, AW104724, AW071417, AW129659, AI805638, AI521012, AI702433, AW103371, AL119863, AI889376, AI648663, AI868831, AI569583, AW169653, AW150578, AL047042, AI884469, AI637584, AI499131, AI625079, AW082040, AL119791, AI497733, AI635461, AI318280, AI445432, AI340627, AI536685, AI587114, AL043293, AI954183,
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	AI687728, AW302988, AI815855, AI524671, AI590021, AI207510, AI539780, AI610645, AI620284, AI818683, AI273142, AW169671, AI687127, AW301409, AI573032, AI687362, AW090013, AI866608, AL036361, AI682971, AI633419, AI921248, AI469532, AI498579, AI866002, AI433976, AI828731, AW166970, AI580190, AI432969, AW102785, AI612759, AL049085, AI696398, AI571909, AI677796, AI799470, AI909697, AL045163, AI636719, AI539153, AA640779, AW238730, AI439745, AI471712, AL121463, AA572758, AI702073, AL036802, AI926790, AI591316, AI952360, AW268220, AI654750, AW020693, AI340603, AI697137, AI537677, AI922901, AI349004, AI312428, AW075667, AI815232, AI269696, AI888501, AI812107, AI800453, AI340582, AI800433, Z99428, AI888953, AI567128, AW075413, AI570781, AI567993, AI349645, AW074869, AI590120, AW149227, AL036274, AI345131, AW087534, AI309401, AW103893, AI561299, AL036403, AW148408, AI343112, AL121014, AI284517, AW071349, AI207572, AL121270, AW301300, AI349598, AL036664, AW075207, AI636456, AI648684, AW151136, AI345735, AI554427, AL036396, AI536638, AI349933, AI250293, AI524526, AL047041, AL038565, AL036980, AI445165, AI348897, AA427700, AW148716, AI702406, AI174394, AL041573, AI313320, AL038605, AI610690, AI500077, AW302992, AW089572, AI609594, AI862144, AI312146, AI312339, AI284131, AI269862, AI366549, AW086113, AI869367, AI520785, AI887396, AI610307, AW268251, AW268253, AI887659, AL036146, AW301505, AI753683, AA835801, AL045266, AL079963, AI434281,

1719	HOSO237	877029	Preferably excluded from the	AI636585, AI439762, AL036631, AI538716, AI934035, AI799199, AI537303, AI800185, AL041772, AI783504, AL036214, AW149311, AW148320, AW087445, AA470491, AI828682, AI349772, AI224992, AW088903, AA225339, AI909641, AI281773, AL041150, AI690312, AW022682, AI567351, AW074993, AW302965, AI784252, AC006313, I48979, I89947, S68736, AF125948, AF104032, AF090934, U42766, AC006222, AL133640, AF017152, AF090903, AL117457, A08916, AL050149, AF090943, AL117460, AF090901, AF090900, AL050116, I48978, X84990, AL133606, AF118070, AF113013, S78214, A08913, I89931, AL137459, AL122093, AL050277, Z82250, AF078844, AL110221, Y16645, AF118064, AL122050, AF177401, AF113694, AL049452, AL133557, AF113690, AF113019, AF113677, Y11587, AL080137, AL122123, AF113699, AL133016, E03348, AF113689, AL049430, AR059958, AF158248, AF146568, AC006482, AL122121, AL137557, I49625, AL133075, Y11254, AL050108, AL110196, AL049314, AJ000937, AL133080, AF125949, AL050393, AL133565, X63574, AF106862, AL080060, A08910, A93016, AL049938, AL050024, E04233, X70685, AF113691, AL096744, AL133560, AL050146, AL137527, AR011880, AL137283, AJ242859, AL080124, AF090896, AL049382, AF111851, AF113676, AL117394, AB019565, AL049466, AL133093, A65341, AJ238278, U00763, AF091084, I03321, AF097996, AL049464, A08909, X96540, AC006501, L31396, AL110225, L31397, AL122110, AL117583, X72889, E07361, X82434, AL117585, AL133113, X65873, AL137521, AF017437, AL137550, AL050138, AL117435, AF079765, U91329, A58524, A58523, AL049283, E07108, AF087943, E02349 AA452295, AI700341, AA039713, AW274555,
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1720	HCROD37	877030	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 792 of SEQ ID NO:1719, b is an integer of 15 to 806, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1719, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 491 of SEQ ID NO:1720, b is an integer of 15 to 505, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1720, and where b is greater than or equal to a + 14.</p>	<p>AW118151, AI684403, AI040232, AI435785, AW023346, AA039712, AI932286, AI089086, AW021748, AA582100, AW020316, AW300014, AA886794, AI492312, AI492311, AL034350</p>
1721	H2LAF20	877031	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 665 of SEQ ID NO:1721, b is an integer of 15 to 679, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1721, and where b is greater than or equal to a + 14.</p>	<p>AI474074, AA313945, AW382674, AI475856, D81026, D80522, D80166, D59619, D80210, D80240, D80133, C14389, D81030, D80219, D51423, AA305409, D80195, D80212, D59859, AW377671, D51799, D80253, D80164, D80251, D58283, D80022, D80248, D50979, D80193, D80188, C14331, D80391, D59787, D59502, D59467, D59275, D80043, D80227, D59610, D57483, D80366, D80196, D59889, C15076, D80024, D80038, D59927, AA305578, D51060, D80269, D51022, D50995, AA514186, D80241, D80045, D80378, AW177440, C14014, AA514188, C14429, AW178893, AW360811, D59373, T03269, T11417, C75259, AW179328, C14077, AW375405, C05695,</p>

	D80132, AW378532, D80268, AW366296, AW360844, AW360817, AW177501, AW375406, AW177511, D80439, AW378534, D80302, AW179332, AW377672, AW179023, AW178905, D80134, AW178762, D58253, D51250, AW178980, AW178775, AW352171, AW377676, AW352170, AW177731, D80247, AW178907, AW369651, AW179019, AW179024, D59627, D80258, AW352158, AW177505, AW352117, AW178906, AW176467, AW179020, AW360841, C06015, AW178909, AW177456, AW179329, AI910186, AW177733, AW378528, AW178908, AW178754, AW179018, AW352174, F13647, D80157, AW179004, D58246, D58101, AW179012, AW1738909, AW178914, D80014, AW378525, D51103, AW367967, D51759, D51213, AW378543, D59503, AW177728, AI905856, AW179009, AW178774, AW178911, AW177722, AW352163, D80064, D59653, Z21582, AW360834, AW178983, D81111, AW178781, T48593, AW378540, D45260, C14227, AW177723, AW352120, T02974, C14975, H67854, H67866, AI535850, AA285331, AW378533, AW367950, D51097, C14298, C03092, AA809122, AW177508, AI525923, C14407, T03116, D51221, AI525917, D80228, AW178986, AW177497, D59317, AI557774, D59474, D45273, C14973, AW177734, AI557751, AI525920, C14344, D50981, AA514184, AI525215, AW378539, AW270229, D60010, C14957, D80168, AI535686, AI525235, D59551, D60214, AI525227, C14046, D80949, AI525912, T03048, D59695, AI525222, AI525242, D52291, AW378542, AI525925, D51079, D51053, C16955, AI535961, C05763, Z33452, H67858, Z30160, AF067806, AF056490, AR008278, A62298, AR018138, A84916, A62300, AJ132110, AF058696, AB028859, X67155, Y17188, D26022, A25909, Y12724, A67220, D89785, A78862, D34614, A82595, D88547, AR060385, A94995, X82626, AR008443, AB002449, AR025207, I50126, I50132,

1722	HCR0D15	877032	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 605 of SEQ ID NO:1722, b is an integer of 15 to 619, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1722, and where b is greater than or equal to a + 14.</p>	<p>I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, Y09669, A43192, A43190, AR038669, AR066490, A30438, AR066487, AR016691, AR016690, U46128, AB012117, I18367, I14842, AR054175, D50010, Y17187, X68127, AR008277, AR008281, A63261, A85396, D88507, AR066482, A44171, A85477, AR008408, I19525, A86792, AR062872, A70867, X93549, D13509, A64136, A68321, AR060133, I79511, U79457, AF123263, AR032065, AR008382</p>
1723	HS2SG18	877034	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 838 of SEQ ID NO:1723, b is an integer of 15 to 852, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1723, and where b is greater than or equal to a + 14.</p>	<p>AA307890</p>
1724	HMCHW1 2	877037	<p>Preferably excluded from the present invention are one or more</p>	<p>AA633529, AA307645, AL137945, R78416, AA143592, AA699829, AA130430, R23973, AA204937, TS8303,</p>

		<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 683 of SEQ ID NO:1724, b is an integer of 15 to 697, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1724, and where b is greater than or equal to a + 14.</p>	AA205080, AI581369, AA130456, H03662, R77222, C05254, H75671, H70965, AA134504, AI733734, AA133084, AI733757, AA088546, AA553526, AA843823, AW392930, AI522161, AA055592, R66492, R31147, AI820789, AI732411, T92637, H39731, W38856, AI493378, AA151971, AI940502, AA085899, AA224498, AA479719, AA100721, AP000365, M27826, AL050348, AL035419, AC005276, AL121782, AL080316, AC007617, AC010168, AC008069, AC000064, AC002984, AB020874, AC007401, AC007566, AC005150, AC005145, AC007022, AL035067, AC000114, AC007685, AC005549, AC007207, AC006146, AL031767, AC008072, AC002530, AF130342, AL035408, AC002066, AC007681, AC008134, Z92543, AJ133269, AC005386, AL049546, AC004998, D11078, AC004986, AL035698, AC006502, AL031256, AC004823, AC007876, AC005090, AC004514, AC005837, AC003013, AL009031, AC007463, AC009946, AC006364, AC007250, AC005410, AC004875, AL109620, M18048, Z82210, AL139054, AL022068, AL121718, AC007381, AL049872, AF118808, AC005699, AL031671, AL023877, AC005036, AL009050, AC003009, AL034409, AC004925, AC007870, AC004768, AC004456, AL133224, AF146191, AF212831, AC005307, AF053936, Z71183, AC012380, AC007486, AC007537, AC004072, AL133321, AC003078, AC007450, AB020871, AL021327, U80460, AC008062, AC007106, AL021940, AF070717, AL024495, AC004103, AC005234, AC004025, AC004817, Z78021, AF049895, AC006382, Z95327, AL031073, AL117327, AC005392, AC007001, AL035610, AC002384, U95626, AC007785, Z99495, AL109809, AF149773, AF068862, AC005102, AC005154, AL050339, AC004835, AL034452, AC005531, AC005576, AC004915, AL109967, AC004617, AP000230, AP000144,
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1725	HWLVSS2	877043	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 454 of SEQ ID NO:1725, b is an integer of 15 to 468, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1725, and where b is greater than or equal to a + 14.</p>	<p>AL022318, AC004858, AC007276, AF109907, AC004510, AC011604, AC005723, AL079352, AC002326, AL132987, AF011889, AL049544, AP000013, AP000155, AL050325, AC007182, AL035690, AC006582, AC004924, AC007447, Z76735, AC006459, D87055, AC004472, AP000501, AC005002, AF205592, AC005686, AL133371, AF026248, AF026254, AF026249, AL022330, AC004032, AF108842, AF110315, AF108841, AF108843, AC007280, Z83818, AL034350, D10083, AC003007, AC005632, AF064074, AF064073, AC007556, AC004889</p>
1726	HCRPG56	877044	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 468 of SEQ ID NO:1726, b is an integer of 15 to 482, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1726, and where b is greater than or equal to a + 14.</p>	<p>N23653, AI608674, AC006432, AC009533, AC008013</p>
1727	HTAHC75	877046	<p>Preferably excluded from the</p>	<p>AI916318, AI698170, AI346506, AA481006,</p>

1728	HCRPH26	877047	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1883 of SEQ ID NO:1727, b is an integer of 15 to 1897, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1727, and where b is greater than or equal to a + 14.</p>	<p>AW006462, AI808371, AI492123, AI860659, AW083792, AI298294, AI377296, AI299866, AI143985, AI832385, T66213, AA315944, AA774467, AA481745, AA745359, N78840, AA744416, AA035644, AW236811, AI693629, AI299645, R54532, AA987358, AA745453, AW136153, AI889513, AI917565, H28998, AI459849, R55684, R99148, AA975345, R45317, H08045, AA992883, AI122963, AA987223, H18288, AI681364, R55685, F09827, H46943, AW418590, R88200, AI745480, H48447, AA744390, Z45158, AW192055, AA972155, R14680, F04052, AA827984, F12197, H26802, T29943, AA295772, R38093, AI290682, AL047550, T07816, AA355247, H07939, H69808, R38173, T85773, R54435, AA508768, AI382544, R20497, AI984917, AW294367, AA090326, H51338, F11088, AA916514, T77104, R42403, N84369, T66146, AI910252, AI127423, AW131840, AA702500, AA300937, AF007155, AA508781 AF118076</p>
1729	HWLWL67	877049	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 509 of SEQ ID NO:1728, b is an integer of 15 to 523, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1728, and where b is greater than or equal to a + 14.</p>	<p>AI375746, AI620255, AI739424, AW008095, N64373, AA628778, AI827544, AI246150, AA977500, AA779757, AI216037, AA724806, AI143969, AI740635, AA953515, AA938880, AA421570, AA971965, AA010881, AI352432, AA410372, AW082274, AA129683, AI699673, AI807260,</p>

1730	HOSDU39	877050	<p>SEQ ID NO:1729, b is an integer of 15 to 218, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1729, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 566 of SEQ ID NO:1730, b is an integer of 15 to 580, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1730, and where b is greater than or equal to a + 14.</p>	<p>AI375466, AI633645, AA588195, AA670218, AA487274, N64317, AW118102, AA449233, AL133312</p>
1731	HCROS68	877051	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 623 of SEQ ID NO:1731, b is an integer of 15 to 637, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1731, and where b is greater than or equal to a + 14.</p>	<p>AI940522, AC007688</p>
1732	HWLRT47	877052	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 409 of</p>	<p>AA676521</p>

1733	HCRPN44	877056	<p>SEQ ID NO:1732, b is an integer of 15 to 423, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1732, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1267 of SEQ ID NO:1733, b is an integer of 15 to 1281, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1733, and where b is greater than or equal to a + 14.</p>	<p>AI814630, AI659745, AI337185, AI476215, AW014950, W90223, AI683180, AI040605, AI052156, AW419172, N20981, N92247, AI583402, N51526, H64280, H64281, H21597, AW117231, W37142, W47567, H65040, Z40718, H65039, W86558, W90127, W47547, AI572195, W86559, R08722, R08628, M79050, R16990, AA002167, AC005736, AB011092, AC007151, T87129, T99488, R87793, H50980, H66212, H66857, N30250, W15238, W15419, AA024406, AA076483, AA099706, AA513421, AA535580, AA593084, AA593075, AA639881, AA766869, AA809957, AA828815, AA922533, AA705190, AA775052, AA854917, AI085171, AA952891, AA952941, AI307637, AI348056, AI203039, AI380800, AI473584, AI571026, AI424140, AI219098, AI659256, AI636785, AI338942</p> <p>AI167356, AL049670, AL021397</p>
1734	HCRPD33	877057	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 261 of SEQ ID NO:1734, b is an integer of 15 to 275, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1734, and where b is greater than or equal to a + 14.</p>	
1735	HCRPE57	877058	<p>Preferably excluded from the present invention are one or more</p>	<p>AA989345, AI624083, D61985, N67616</p>

1736	HCRN146	877059	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1017 of SEQ ID NO:1735, b is an integer of 15 to 1031, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1735, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 324 of SEQ ID NO:1736, b is an integer of 15 to 338, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1736, and where b is greater than or equal to a + 14.</p>	<p>AA984838, F12786, AA224052, T75215, T77343, AC005919</p>
1737	HWLRC59	877063	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 412 of SEQ ID NO:1737, b is an integer of 15 to 426, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1737, and where b is greater than or equal to a + 14.</p>	<p>AA195002, AA194815, AI916670, AW440382, AI884584, AA843585, AI653656, AW130944,</p>
1738	HLHCD08	877065	<p>Preferably excluded from the present invention are one or more</p>	

1739	HWLVE77	877066	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 778 of SEQ ID NO:1738, b is an integer of 15 to 792, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1738, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 454 of SEQ ID NO:1739, b is an integer of 15 to 468, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1739, and where b is greater than or equal to a + 14.</p>	<p>AW303456, AA456790, AI051183, AW152159, AA130046, R79256, AW439608, H22118, AA134040, T18594, H44350, AI784396, R76637, T79450, T79540, T97240, T97241, R51919, AW079574, C00464, AI699839, AI689564, AL046171, AI702873, R79157, AI905847, AA129873, AA356980, AA351418, T09084, AW248101, AI929724, AI815427, W27745, D85131, M94046, AB017335, M93339, U33819</p>
1740	HCROJ64	877067	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 93 of SEQ ID NO:1740, b is an integer of 15 to 107, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1740, and where b is greater than or equal to a + 14.</p>	
1741	HWLQM0 5	877068	<p>Preferably excluded from the present invention are one or more</p>	

1742	HCRPW24	877069	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 471 of SEQ ID NO:1741, b is an integer of 15 to 485, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1741, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 398 of SEQ ID NO:1742, b is an integer of 15 to 412, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1742, and where b is greater than or equal to a + 14.</p>	AC004540	AA906013, AW392670, U46347, Z99396, AW363220, AW384394, AW372827, AL119484, AL119457, AL119319, AL119363, AL119497, AL119324, AL119391, AL119355, AL119341, AL119483, AL119443, AL119522, AL043003, U46351, U46349, AL119439, AL119444, U46350, U46341, AL119396, AL119335, AL119496, AL134533, AL134528, AL037205, U46346, AL119418, AL043033, AL042614, AL134153, AL134531, AL042984, AL042965, AL042975, AL119399, AL134538, U46345, AL042450, AL134542, AL042544, AL043019, AL043029, AL042542, AL134132, AL042551, AL043147, AL119304, AL119464, AC015853, AR060234, A81671, AR066494, AB026436, AR054110, AR069079
1743	HOCTA26	877070	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 380 of SEQ ID NO:1743, b is an integer of 15 to 394, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1743, and where b is greater than or equal to a + 14.</p>		

1744	HBKDB96	877071	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 939 of SEQ ID NO:1744, b is an integer of 15 to 953, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1744, and where b is greater than or equal to a + 14.</p>	<p>AA812993, AI368842, AI022649, AI084815, AA931328, AI392998, AI287567, AI493596, AI278360, H16208, AW375190, H91009, AW375161, AW375154, AW375158, H90897, H16209, AW375149, AW418706, AW385279</p>
1745	HCRPE30	877073	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 378 of SEQ ID NO:1745, b is an integer of 15 to 392, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1745, and where b is greater than or equal to a + 14.</p>	<p>AB014604, AC003093</p>
1746	HKGAW02	877075	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 519 of SEQ ID NO:1746, b is an integer of 15 to 533, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1746, and where b is greater than or equal to a + 14.</p>	<p>AA935168, AA398801, AL113484, AL134524, AL119418</p>

1747	HCQCD93	877079	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 237 of SEQ ID NO:1747, b is an integer of 15 to 251, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1747, and where b is greater than or equal to a + 14.</p>	AI434772
1748	HOCTD62	877080	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 341 of SEQ ID NO:1748, b is an integer of 15 to 355, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1748, and where b is greater than or equal to a + 14.</p>	
1749	HE8PC46	877083	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 818 of SEQ ID NO:1749, b is an integer of 15 to 832, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1749, and where b is greater than or equal to a + 14.</p>	<p>R13359, H08041, AF010245, AW156983, H29189, Z46132, T16980, AI879608, AW402188, AA348764, R34542, R61072, H23510, AA436740, N36381, AI929579, AI879056, AI816318, AL137450</p>

1750	HWLQMS ₃	877087	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 470 of SEQ ID NO:1750, b is an integer of 15 to 484, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1750, and where b is greater than or equal to a + 14.</p>	<p>AW369563, AI674814, AA767616, AA761971, AA465292, AA204693</p>
1751	HTLGE26	877088	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 758 of SEQ ID NO:1751, b is an integer of 15 to 772, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1751, and where b is greater than or equal to a + 14.</p>	<p>AI285916, AI025315, AP000553, AC009516</p>
1752	HCFDE85	877092	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 370 of SEQ ID NO:1752, b is an integer of 15 to 384, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1752, and where b is greater than or equal to a + 14.</p>	

1753	HFEAH85	877093	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 208 of SEQ ID NO:1753, b is an integer of 15 to 222, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1753, and where b is greater than or equal to a + 14.</p>	AI950320, AA340023
1754	HE8QT45	877094	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 636 of SEQ ID NO:1754, b is an integer of 15 to 650, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1754, and where b is greater than or equal to a + 14.</p>	AI052389, AI761986, AW057796, AI656751, AW152082, AI126366, AI125599, AA452171, AI687797, AW023851, AA406351, AI431689, AA778840, AA933437, AI128983, AA565214, AI693581, AI254753, AI285759, AW020705, AI762885, N92604, AI193254, AI003334, C16412, C16192, AA226919, AA479128, AI536542, H08761, AA706764, R85597, T10616, AI933471, AI250282, AW160916, AI440238, AW151132, AI372041, AL040011, AA731417, AA806605, AA641818, AW194014, AA938181, AI932739, AW020164, AI345688, AI813538, AA829402, AI431507, AI890907, AW080157, AI963101, AI279925, AI560198, AW167340, AW151974, AI473536, AI963346, AI244329, N63128, AI350489, AI635634, AA609644, AI627339, AI499057, AI690813, AI581053, AI866469, AI955441, AW021373, AA282824, AI799313, AI609409, AA810226, AI918449, AI699029, AW189548, AW058304, AI828676, AI659041, AI918809, AA065052, AI134828, C21335, AI357644, AI348821, AI590043, AI866770, AI399759, AI636507, AA767924, AA814517, AI289791, AI421662, AW082532, AA761557, AA743474, AA836665, AI628850.

1755	HWLQL84	877095	<p>AI919516, AW088546, AI590755, W48671, AL119863, AL039508, AI241923, AL079963, AI446373, AA934912, AI884574, AL048499, AI865189, AI581033, AW148544, AW079996, AA811736, AI673278, AW078818, AW409793, AI954504, AW002727, AI859991, AI688381, AW406745, AW021717, AW196720, AI915291, AW152182, AI950729, AI472487, AW023072, AI921915, AI582932, AI609191, AI872423, AI619820, AI434731, AI524179, AI800370, AI521560, AI889189, AW075382, NS2016, AW089844, AI648494, AI678623, AI273886, AW104141, AW029457, AL022334, AR050959, S75997, AF100931, AF141289, AF183393, AI8777, AL133619, AF039138, AF039137, A08910, A08909, AF103804, AL110269, AB020777, X60769, A08908, X84990, AL137284, U73682, X66113, AR038854, AB031064, E05822, U37359, AL050366, AF000167, A76337, AC005091, AF098162, AF067790, AL137537, AL050155, AR053103, I48978, X55761, AF036941, Y13653, I89947, I33392, AC010077, AF026816, I80062, X83544, I22020, M85164, X99270, AF044323, X66366, AF102578, X01775, AI8788, X80340, AC006288, AL133565, AL137479, A60092, A60094, AF031572, AC004383, S78214, Z49216, X55446, AF068229, AC005992, U76377, I77092, D55641, X87582, AL080227, X99971, AL030998, A65340, AL122116, A77033, A77035, AL122104, AL137271, E03168, AF184965, AF195092, X93328, AL137716, AC005296, A86558, AF038847, AL137554, AF043493, AL110158, AF042090, W79030, AC005486</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 546 of</p>

1756	HCQCP82	877096	SEQ ID NO:1755, b is an integer of 15 to 560, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1755, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 275 of SEQ ID NO:1756, b is an integer of 15 to 289, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1756, and where b is greater than or equal to a + 14.	AA193032	
1757	HCRMW8 0	877097	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 476 of SEQ ID NO:1757, b is an integer of 15 to 490, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1757, and where b is greater than or equal to a + 14.	AI902587, AL110283	
1758	HSIGL73	877098	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 841 of	AW083100, AI206576, H43346, AA095182, H43308, AA248302, AI537677, AI345416, AI345612, AI345415, AL134830, AI802542, AW051258, AL079963, AI677796, AI569583, AI801793, AI619502, AW198090, AI433157, AI702073, AI633125, AI334445, AW163464, AI254727,	

			<p>SEQ ID NO:1758, b is an integer of 15 to 855, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1758, and where b is greater than or equal to a + 14.</p>	AA225339, AW071417, AI499285, AI269862, AI863241, AI886753, AI564719, AI521012, AW026882, AL119863, AL036736, AW148716, AW161579, AI340603, AW090071, AI554245, AW160916, AL046200, AI358701, AI611738, AI284131, AI445025, AI536638, AW073865, AI636588, AA640779, AI687362, AI954183, AW300782, AI571909, AI887659, AW300889, AI500077, AW117746, AI921248, AL040243, AI632408, AI627360, AI873644, AI933589, AI682743, AI783504, AI620284, AL039086, AL120307, AI637584, AI919534, AI612885, AI815232, AW163823, AW129659, AI697324, AI284517, AI670009, AL038069, AW169653, AW104724, AI612913, AI801325, AI500523, AI446373, AL037454, AI926790, AI521560, AI500662, AW090013, AW023590, AW104827, AI890833, AI348897, AI491852, AI475371, AI627988, AI520862, AW190194, AL036403, AI567128, AW148363, AI283760, AA427700, AI284484, AL036274, AI699865, AL036631, AI798456, AI524671, AI207510, AW301409, AI812107, AI886124, AL036980, AW150578, AI679504, AI440239, AW080402, AL045500, AW118518, AW075667, AL043293, AI815855, AW148408, AL036396, AI702068, AW020561, AL038605, AI866770, AI559296, AA572758, AL040241, AW193530, AW073270, AI587114, AI610690, AI312428, AI469532, AI815237, AI866801, AI536685, AI468872, AW268220, AI805603, AI340519, AW166970, AL120853, AI349645, AI932794, AI500706, AI439745, AW089572, AI648509, AI590120, AW087207, AL110306, AI433976, AI862144, AI249323, AI280747, AI934259, AI696398, AW087445, AI929108, AA470491, AW081298, AW020693,
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1759	HHEYT40	877099	<p>AW105601, AW193911, AI620866, AI306613, AI274541, AI609375, AI567612, AW022808, AL036802, AI270055, AI174394, AI554186, AW129916, AI613270, AI633330, AI874166, AI625079, AI683585, AL047763, AW132056, AW169527, AI335426, AI348777, AI270099, AI862139, AI355827, AI475394, AI285448, AI687065, AI686576, AA806720, AI871697, AW403717, AI682971, AL036361, N33175, AI889376, AI923989, AW152459, AI636585, AI439717, AL119791, AI635461, AI433384, AI923370, AI345131, AI591075, AI567351, AW074993, AW302965, AI431424, AI349614, AW193134, AI343112, AI954422, AI434468, AI499986, AW268083, AI572787, AW268253, AI537515, AI281772, AL045266, AI254731, AI349598, AI934011, AI312152, AI872545, AI570807, AI686817, AI247293, AL041772, AI345735, AI819326, AW078839, AI539771, AW075084, AI818977, AI784252, Z83839, L29339, AF042090, AC004057, AL032822, AC004470, AL080239, AC018767, AC006197, AC004554, AC004808, AC006313, AC002454, AF090900, AL133560, AF090934, AL137271, I48978, I89947, A08916, AL133557, AL117460, AL049382, AJ000937, AL049314, AF111851, AC002480, A08913</p> <p>AA313905, AW392670, AL119319, AL119496, U46350, AW372827, U46349, AL119399, AL119363, AL134518, AL119443, AW363220, AW384394, U46346, U46341, AL119497, U46347, AL134524, AL119335, AL134528, U46351, AL042850, AL119457, AL119522, AL134920, AL119484, AL119391, AL119324, AL119444, Z99396, AL119355, AL119483, U46345, AL134538, AL119439, AL043037, AL042970, AL037205, AB026436, A81671, AR054110, AR060234, AR066494</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 679 of SEQ ID NO:1759, b is an integer of 15 to 693, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>

1760	HDQHQ51	877101	<p>NO:1759, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2712 of SEQ ID NO:1760, b is an integer of 15 to 2726, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1760, and where b is greater than or equal to a + 14.</p>	<p>AW405179, AA278430, AI951459, AW130135, AA437355, AA427621, AW183077, AW044380, AI038334, AI540554, AI224500, AA256905, AW440059, AA702920, AI269240, AA662464, AA129087, AI042498, AW401902, AI865421, AA129086, AI023674, AA670374, U51141, AI355031, AA255481, AA600233, AA983314, AA661749, AA278961, AI286001, AW237708, AA512902, R16374, AI000189, AA872607, Z39825, AW338997</p>
1761	HODGR31	877104	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1019 of SEQ ID NO:1761, b is an integer of 15 to 1033, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1761, and where b is greater than or equal to a + 14.</p>	<p>AI701474, AI141563, AA805242, AW151887, AW172894, AI342500, N26482, AI990393, AW275998, AI120029, AI367540, AA905238, AA767195, AA633403, N25228, AA811725, Z39323, N29704, HI7935, W05575, N70530, AA766858, AL118631, N98948, AI701701, N66665, AA737077, AB007917</p>
1762	HWLWB9 2	877105	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 607 of SEQ ID NO:1762, b is an integer of 15 to 621, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA167624, AA688144, AA016314, AI499580, AI925014, AA808419, AI081193, AA194836, AA125835, AW419229, AA252083, AA461554, AI500464, AA557634, AI208183, AA988570, AA687098, W33019, AA876407, AW007949, F34751, AA492322, AA908820, R37941, T23517, AA844143, N73484, AA488062</p>

1763	HWLRD79	877106	<p>NO:1762, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 722 of SEQ ID NO:1763, b is an integer of 15 to 736, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1763, and where b is greater than or equal to a + 14.</p>	<p>AA465383, H51960, AA393998, AI300310, AI017609, AI017517, AI819082, AW088106, AW264111, AI446796, AA767844, AI538119, AI583021, AW151792, AW168958, AI252808, T79312, AA429868, AA971656, AI358328, AI039023, AW002810, AW028426, AI336255, AW238738, N64679, AA604414, N64391, AI275601, AA437374, AW003543, H93076, AI962621, AI148567, AA904883, AW194543, F01936, AI674414, AI419876, AI339747, AW299722, C00822, AA661775, T27646, AI473622, AI473612, AL042432, AA775934, AA700143, X63546, I76205, AJ012755</p>
1764	HWLOW7 2	877110	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1357 of SEQ ID NO:1764, b is an integer of 15 to 1371, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1764, and where b is greater than or equal to a + 14.</p>	<p>AA046439, AW243397, AA211360, AA974447, AI128724, AI990335, AA456529, AI655816, H39555, AI479968, AI283132, AI926934, AA534329, AA019380, AI961572, AA011475, AI089295, AI446563, AI807997, AA872374, AI798452, AA256606, AA936249, AI393572, H25408, AW016511, C01415, H28374, AA516090, R43067, AI991488, AA455164, AI217649, AA730296, AI216786, AI357214, AI961183, AI537981, AI203429, AI261590, AI093989, AI950123, R46342, AI803504, AI017015, AA425610, AA535732, AI922416, N21542, AI805514, R35671, R35782, Z38679, AA258077, AI092478, AW170513, AI382468, AA971129, AA455366, AA430349, AA090871, AA021634, AW028333, AI203234</p>
1765	HUSGT72	877111	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 752 of SEQ ID NO:1765, b is an integer of 15 to 766, where both a and b</p>	

1766	HPWBM91	877112	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1765, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 722 of SEQ ID NO:1766, b is an integer of 15 to 736, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1766, and where b is greater than or equal to a + 14.</p>	AA496246, AI760599, AI371734, AA476481, AA496245, AI955212, AI802040, AA628734, AA476480, AI369165, AI094501, AA744975, AI609830, AI810354, AI420545, AI381025, AI380020, AI675503, AI439413, AI474428, AI784364, AI832169, AA886089, AI362418, AA505488, AA554685, AA812608, AI125614, AA886622, AW389951, AI885739, AA215595, AW389969, AI000868, AF165185, AF172328
1767	HWLVB03	877114	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 507 of SEQ ID NO:1767, b is an integer of 15 to 521, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1767, and where b is greater than or equal to a + 14.</p>	AA112413, AI879634, AI625669, AA287717, AI027610, AI951403, N51076, AI218397, N72114, AI924949, AI278323, AI076224, AI921374, AI910849, AI263735, N25730, AI9322387, AW269315, AI221583, AA806202, AI634635, AI357102, AI761994, AI272043, AI298937, AI685902, AI765676, AW298266, AA768195, AI742632, AI825896, AI682622, AA771945, AI367152, AA884764, AW418760, AA897114, AA704188, AA765915, W68725, AI434324, AI075318, AI695150, AA287716, AI424445, N50945, AA127273, H52538, AL037272, AA665059, AW340854, AA279150, H10181, R43600, AA554232, R49161, AI142249, AI003234, R43464, AW365070, AW079259, Z38935, F03815, AW364640, R40549, AI567606, AA788798, AW168090, AA127272, AL119457, AL119324, AL042544, AW383064, AA724943, AL119464, AL119443, AW392670, AL119439, AL119335, AL119355, AL042450, AL042542, U46349, AL134542, AI433107, AL042984, AL043029, U46350, AL043033, AL119497,

1768	HAIAM74	877119	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 439 of SEQ ID NO:1768, b is an integer of 15 to 453, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1768, and where b is greater than or equal to a + 14.</p>	<p>AL119319, AL042433, AL042965, AL042975, AL119483, U46341, AW372827, AL042614, AL119484, AL119363, AL119391, AL119444, AW363220, U46347, AW384394, U46351, Z99396, AL134528, AL043011, AL043019, AL043003, U46346, AR060234, AR066494, AB1671, AR054110, AB026436</p> <p>AA026806, AI243595</p>
1769	HMMME78	877120	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 622 of SEQ ID NO:1769, b is an integer of 15 to 636, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1769, and where b is greater than or equal to a + 14.</p>	<p>AA215535, AA453055, Z99396, AL119522, AW392670, AW384394, AW372827, AW363220, AL119497, AL119335, AL119443, AL119319, U46349, AL119483, U46350, AL119457, AL119324, U46341, AL119484, AL119363, AL119391, AL036418, AL038837, AL119341, AL119355, U46351, AL119496, AL119396, AL037051, AL036725, AA631969, AL036858, U46346, AL119418, AL134524, AL042614, AL119444, U46347, AL134528, AL042975, AL038509, AL039074, AL119439, AL037205, U46345, AL134518, AL036924, AL042965, AL119399, AL134533, AL042970, AI142137, AL042984, AL119488, AL042551, AL134538, AL037094, AL037082, AL037526, AL042450, AL036196, AL037077, AL037639, AL037085, AL039564, AL042544, AL043019, AL042995, AL043029, AL134542, AL042542, AL042896, AL036767, AL036190, AL043003, AL036268, AL038851, AL038520, AL038447,</p>

1770	HCYBI73	877121	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 629 of SEQ ID NO:1770, b is an integer of 15 to 643, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1770, and where b is greater than or equal to a + 14.</p>	AL119464, AL036774, AL036733, AL036998, AL037178, AL036238, AL037615, AL037027, AL036719, AL036765, AL036191, AL036679, AL036158, AR060234, A81671, AR066494, AR023813, AR064707, AR069079, AR054110, AB026436 R18987, R17194, AA305460, Z45206, F08022, W86585, F07327, D50979, D80164, D80227, D80522, D80269, C14389, D59502, D81026, D80133, D80195, D51060, D80248, D59610, D59467, D59275, D58283, AA305578, D80188, C15076, D80366, D59859, D51022, D80022, D80038, C14331, D80166, D80043, D50995, D51423, D59619, D80210, D51799, D80391, D80240, D80253, D59787, D81030, D80241, D80212, D80193, D80196, AW377671, D80219, AA305409, D80045, AA514188, D59927, D80251, D57483, D80378, D59889, D80024, C14014, C06015, AW360811, D80268, AW177440, D80302, AA514186, AW378532, D80439, D59373, C14429, AW178893, D80247, D51103, AW375405, T11417, T03269, AW360834, AW179328, AW366296, C75259, AW360844, AW378528, AW360817, AW375406, AW178906, AW378534, AW179332, AW377672, AW179023, AW178905, D59653, AW177501, AW177511, D80157, C05695, D51759, AW352171, AW377676, D80132, AW178762, AW352170, AW177731, AW178907, AW179019, AW179024, D58253, F13647, D80134, D51250, AW367967, AW176467, AW360841, AW177505, AW178775, AW378525, AW369651, AW179020, AW178909, AW177456, AW179329, AW178980, AW352158, AW178914, AW177733, AW178908, AW178754, AW179018, T48593, AW352117, AW378543, AA514184, D80014, D45260, D51079, H67854, AW179004, D59551, D81111, AA809122, AW178774, AW179012, C14227, D59503, AW352120, AW378540, AW352163, D80258, D80064, D59627, C03092, H67866, AW179009, AI525923, AW178911, AI910186,
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				AW17722, AW378533, AW17728, D58101, D59317, T02974, AW367950, T03116, AI905856, D58246, D45273, C14407, AW178781, AI525917, AI557774, AI535959, D59695, C14973, AW378539, C14344, D60010, AI535686, AW178986, D51221, AI525227, D59474, T03048, D60214, AI525920, C14957, C14046, AW378542, AI525235, C14298, AI557751, AW17734, D80168, AI525242, AW179011, D52291, AI525925, AI525912, D51213, AA285331, AI525215, C16955, AI525237, D51097, D31458, C05763, Z33452, AI525222, Z21582, AI525928, AW360855, T02868, H67858, D80949, C04682, AB028859, AJ132110, AR008278, A84916, A62300, A62298, AR018138, AF058696, A82595, X68127, AB002449, AR060385, X67155, Y17188, D26022, Y12724, A25909, A94995, A67220, D89785, A78862, D34614, AR008443, I50126, I50132, I50128, I50133, D88547, AR066488, AR016514, AR016808, AR060138, A45456, A26615, AR052274, X82626, A43190, I14842, Y09669, A43192, AR038669, AR054175, AR066487, A30438, AR025207, Y17187, A63261, A70867, D50010, AR066490, AR008277, AR008281, AR062872, I18367, AR016691, AR016690, U46128, I82448, I79511, AR008408, A64136, A68321, AB012117, D13509, AR060133, AR066482, AF123263, A85396, D88507, A44171, AR032065, N46730, N47731, AC005272, AC005826, AC006379, AC007276, AC004800
1771	HCRNE77	877122	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 720 of SEQ ID NO:1771, b is an integer of 15 to 734, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	

1772	HWMBC9 4	877123	NO:1771, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 382 of SEQ ID NO:1772, b is an integer of 15 to 396, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1772, and where b is greater than or equal to a + 14.	AA366950
1773	HWLMS73	877126	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 772 of SEQ ID NO:1773, b is an integer of 15 to 786, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1773, and where b is greater than or equal to a + 14.	AA527435, AW195324, AI653000, AW051613, AA514619, AI652532, AI675204, AA435717, AI659333, AI796596, AI273289, AI880669, AI826786, AA889355, AW004627, AA397980, AC002302
1774	HFAMB70	877129	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 662 of SEQ ID NO:1774, b is an integer of 15 to 676, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	H10992, AL080276

1775	HCQAK62	877130	<p>NO:1774, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 409 of SEQ ID NO:1775, b is an integer of 15 to 423, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1775, and where b is greater than or equal to a + 14.</p>	W86771	
1776	HCQDP71	877131	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 657 of SEQ ID NO:1776, b is an integer of 15 to 671, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1776, and where b is greater than or equal to a + 14.</p>	AA595817, H30539, AW022133	
1777	HE9PB28	877132	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1765 of SEQ ID NO:1777, b is an integer of 15 to 1779, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AW183176, AI338542, AA687408, AI335604, AA902163, AI741694, AA954272, AA742379, AI092736, AI826540, AI675475, AI079357, AI932722, AW196794, AW028184, AA091428, AW297724, AI678998</p>	

1778	HQCR68	877133	<p>NO:1777, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 545 of SEQ ID NO:1778, b is an integer of 15 to 559, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1778, and where b is greater than or equal to a + 14.</p>	<p>T87566, AW389691, AA505395, R15971, AL022069</p>
1779	HEPNB10	877134	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 772 of SEQ ID NO:1779, b is an integer of 15 to 786, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1779, and where b is greater than or equal to a + 14.</p>	<p>AI268381, AI240658, AI302971, W87782, H02333, AW022594, X82877, A36408, X64315, X82876</p>
1780	HWLNY36	877135	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 674 of SEQ ID NO:1780, b is an integer of 15 to 688, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>Z78283, R11554, N44978, AA321699, AA661583, AW275432, AL048969, AI801563, AA640305, AA666295, AA676592, AA483966, AI268826, AW151247, AW021674, AI174703, AA601376, AL048060, AL048090, AI572680, AI570067, AI370470, H93717, AA846944, C06151, AA469230, M77888, AI224583, AI242994, F29968, AA829565, AI039257, AA180056, AI090377, AI791659, AA723132, AA831426, AA525753, AA630476, AA113757, AA493245, AW275640, AI292275,</p>

		<p>NO:1780, and where b is greater than or equal to a + 14.</p>	<p>AA525881, AI457152, T52772, AA233462, AI738741, F17549, AI309943, AI300597, AW245331, T57562, AI283329, AA302943, AA720582, AA480486, AW087537, AA599069, AI754421, AI474127, AA601333, AI192465, AA341992, AA367920, AI583532, AA493789, AW022376, AI053673, AA489390, AI417496, T07251, AI797998, AA491743, AA586474, AI590404, D29424, AI538404, AI378950, N54538, AI311796, AA084320, AI567676, AI310670, AI014332, AA218684, T03928, AI119645, AI282724, AI653465, N22416, AW264548, AI719298, AI065031, F18885, AA182577, AW149241, N58378, H90845, AA583386, R43468, AA483735, AI349130, R42954, AA666172, AI590442, AI079669, AI654737, AA584765, AA228437, AA602105, AI862213, AA111897, AI872018, AA847504, AA434165, AA342238, AA587835, AI271693, AA368616, AW272389, AA347203, AW192199, AA298365, AI758981, AL079553, AL078621, AC002055, AL096791, AC002316, AL021392, AC005954, AC004929, AC000115, AP000518, AC005746, AL021393, AC005011, Z73359, U95742, AC006368, AC007216, Z97632, AL035682, AP000070, AL031120, AC004587, AL034349, AC007563, Z81450, AC004652, AC005969, AC005778, AL023575, AP000075, M91453, U80459, Z68617, Z82245, AB014077, Z84721, AC004209, AC004506, AP000514, AL031663, AC002554, AC005736, AC002470, AC004834, AL035443, AC007564, AC005041, AP000010, Z68273, Z97056, AC007308, AF118808, AC004230, AF006501, AC004611, AL008716, AL118497, Z84467, Z85986, AC005082, AC002310, AC005914, AC005095, AC005666, AL078602, AF109907, AC004583, AC003982, AC004638, Z82244, AL031447, AC005519, AL034548, AJ003147, AC003685, AC005740, AL049569, AC006205, AC004673, AC005747,</p>
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	AC004518, AC007110, AL031321, AC004678, AL117339, AF217403, AC005190, AP000277, AC002133, AC006167, AP000281, AC005251, AC003077, AP000008, AP000105, AP000037, AC002115, Z95113, AP000704, AC002529, AC002465, AC009069, AC007406, AP000511, AC006121, AL080276, AL049712, AP001053, AL023799, AL031985, AC004961, AC005207, AC010077, AC004139, AC020663, AC007066, AC003109, Y15083, AC002299, AC005104, AC006076, AB020859, AC007878, AC005320, AC004562, AL132799, AL023578, AC005065, AC006251, AC006275, AL022334, AC004623, AL031223, Z99289, AC006316, U91322, AF207550, AC004477, AC007371, AC006131, AC012599, Z99297, Z97832, AL049839, AL133163, Z73429, AC005184, AC002044, AC004150, Z93930, AL049776, Z46936, AC005579, AL121767, AC004134, AC005015, AP000227, AB004907, U89335, AC005218, AC004131, AC006130, AL022322, M94081, AP000087, AF042089, Z97054, AC004231, Z97989, AE000661, AC004858, AC005924, AC006162, AC004074, AL031587, AC005911, AJ006997, AC005393, AF165926, AC004757, AL022725, AC003665, AC009247, AL034343, AC004832, AC002996, AC004922, Z99716, AC000353, AC005776, AL139054, AL023876, AC004513, AC004773, AL136295, AL008710, AC002077, AC012627, AL034553, AC006132, AC009516, Z94802, AC005277, AF064863, AC002064, AC006238, AL021307, AC004921, AL035587, AC005523, AC005261, AC004030, AL031678, AC004998, AC005209, AL135744, AC007225, AL050341, AL034429, AL137100, AC006600, Z95114, AL022723, X77331, AC007064, AP000359, AL021918, AC004856, AB023050, AC004602, AC003043, AB009422, U80017, AC006211, AP001058, AC005175, AC013256, AC002997,

1781	HWLRC68	877137	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 534 of SEQ ID NO:1781, b is an integer of 15 to 548, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1781, and where b is greater than or equal to a + 14.</p>	<p>AC005594, AC008975, Z68756, L48038, Z75890, AC004076, AF107045, AL096703, AC004508, Z94801 U55042, AJ249706, AF184153</p>
1782	HWLQM8 8	877138	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 553 of SEQ ID NO:1782, b is an integer of 15 to 567, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1782, and where b is greater than or equal to a + 14.</p>	<p>W73224, AI804267, AI379725, AI636783, AI351006, H98536, AI365217, N35469, AI219083, AI221578, AA476333, AI687408, AC007285</p>
1783	HWLMG4 0	877139	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 523 of SEQ ID NO:1783, b is an integer of 15 to 537, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI741535, AI968175, AI970276, AI991566, AW025923, AI652906, AW188858, AI637887, AA516176, AI917709, AI631638, AI625029, AI342081</p>

1784	HWLQOI5	877140	<p>NO:1783, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 500 of SEQ ID NO:1784, b is an integer of 15 to 614, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1784, and where b is greater than or equal to a + 14.</p>	<p>AI972873, N95228, AI656562, AW055145, AI936408, AI375092, AW016802, AI188610, AI985579, AI991588, AI292190, AI094172, AI078514, AI191047, R38989, AI763004, AW182193, AI830734, R49050, AA046092, AI202609, H49273, R99234, AL037112, AI262420, H19327, W87481, AW236116, N94137, AI221613, AA581541, AI521710, AA404487, AA046135, R05523, W69271, Z38912, AI468774, AA099158, AI984653, AA019723, AI554117, AI090954, AW007126, N70968, H12506, AF131754, AL035700, AC007270</p>
1785	H2CAC59	877142	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 481 of SEQ ID NO:1785, b is an integer of 15 to 495, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1785, and where b is greater than or equal to a + 14.</p>	<p>AA307078, AA706423, AA994100, AA641669, AA626714, AA770345, AI360154, AA454000, AI015598, AI470060, AI470113, AI274091, AI627230, AI784122, AI563937, AW071839, AI937059, AI348119, AI285070, AI401714, AA550934, AW078863, AI092221, AI077448, AI139979, AA229891, AI192689, AA745669, AA614661, N51519, AA661859, AA483292, AA873127, AI002451, AI568443, AA074240, AA627279, AA451794, R96077, AA767360, AA451795, R96116, AA579733, AA328053, R44546, AI832484, AA393453, AA229890, D51799, D80166, D59889, D51423, D59619, D80210, D80240, D80253, D59859, D58283, D59927, D80212, D80188, D80227, D81030, D80195, D80219, D57483, D80391, D59610, D80043, D59502, D80038, D80022, D80196, D80269, D80164, D59275, D80366, AA400769, D80193, D80241, D59787, D80024, D80045, D50995, D50979, C14389, C14429, D80378, T03269, C75259, C14331, AA888120, C15076, C14014, D59467, D51060, AA305409, D80134, AW178893, D81026, D80268, D51250, F13647, D80949, Z21582, D58253, D80522, D81111,</p>

	AW178775, D51079, AW177440, D59695, D80168, D51022, C14227, AW179328, AW377671, AW352158, AW378532, AA514188, AA305578, AW369651, D52291, D80251, D80248, AW177501, AW177511, AI905856, AA704205, C14298, AW178762, D80064, AW352117, AA514186, D80133, AA285331, AW360811, C14407, AW378540, D51097, AW375405, AW360844, D80132, AW360834, AW366296, AW360817, AW179220, AW375406, AW378534, AW352171, AW179332, AW377672, AW179023, AW377676, AW178905, AW178754, AW179024, D80439, T03116, AW177505, AW360841, AW179020, D80302, AW178909, AW177456, AI557751, AW178906, AW352170, AW177731, AW178907, AW179019, AW179018, AW178971, D80247, AW352174, D80014, AW179017, AW179004, AW179329, AW179012, AW178980, AW177733, AW378528, AW178908, T11417, D51103, D80157, AW179009, AW178914, AW378543, AW378525, AW367967, T02974, D51759, D58246, D58101, AW378539, AW178983, AW352120, AW177728, AW178774, AW178781, AW178911, AW352163, D59627, D80258, D59503, C06015, AI557774, T48593, D51213, D45260, D50981, AW378533, H67854, AW367950, Z82214, D63487, A62298, A84916, A62300, AJ132110, Y17188, AR018138, X67155, A67220, D89785, A78862, D26022, A25909, D34614, D88547, AR025207, X82626, AF058696, AR008278, AB028859, AB012117, Y12724, X68127, A85396, AR066482, A44171, A85477, I19525, A86792, U87250, A82595, X93549, A94995, AR060385, AB002449, AR008443, I50133, I50128, I50126, I50132, AR066488, AR016514, AR060138, AF135125, A45456, A26615, AR052274, AR066490, Y09669, A43192, A43190, AR038669, AR066487, I18367, A30438, D88507, I14842, AR054175, D50010, Y17187, AB033111, AR008277, AR008281, A63261, AR064240, AR008408,

1786	HWLXJ87	877143	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 570 of SEQ ID NO:1786, b is an integer of 15 to 584, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1786, and where b is greater than or equal to a + 14.</p>	<p>AR062872, A70867, AR016691, AR016690, U46128, D13509, A64136, A68321, AR060133, I79511, Z32749, U87247, AB023656, AF123263, X93535, AR008382 AW450418, R24589</p>
1787	HSDSJ26	877145	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1319 of SEQ ID NO:1787, b is an integer of 15 to 1333, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1787, and where b is greater than or equal to a + 14.</p>	<p>AA193531, AI360026, N40228, AA459477, N93266, H85243, AI918187, AI564399</p>
1788	HCFBRS5	877146	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 536 of SEQ ID NO:1788, b is an integer of 15 to 550, where both a and b</p>	<p>AI336245, AI761380, AI423423, AI367536, N81076, AA865581, AA258570, AA772622, H22025, AI565200, AI371499, AA659137, AA879034, AI4233953, AI084944, U69127</p>

1789	HCRNP62	877147	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1788, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 471 of SEQ ID NO:1789, b is an integer of 15 to 485, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1789, and where b is greater than or equal to a + 14.</p>	AA845225, W21880
1790	HCRMR04	877148	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 551 of SEQ ID NO:1790, b is an integer of 15 to 565, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1790, and where b is greater than or equal to a + 14.</p>	
1791	HGBHE60	877149	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 900 of SEQ ID NO:1791, b is an integer of 15 to 914, where both a and b</p>	AI076490, AI654914, AI265931, AA218987, AA232080, AI921179, AI921200, AF110400

1792	HKAOG63	877153	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1791, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 296 of SEQ ID NO:1792, b is an integer of 15 to 310, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1792, and where b is greater than or equal to a + 14.</p>	AA307405, AL037524, AL037501, AA126654, R97186, Z58080
1793	H2CBR38	877154	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1040 of SEQ ID NO:1793, b is an integer of 15 to 1054, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1793, and where b is greater than or equal to a + 14.</p>	AA434547, AA278232, AA029146, AA191433, H00358, R11943, H11169, Z46056, AA193396, AA405639, T99622, AA165044, W00839, R35827, AA425497, F11670, W02964, T85686, R14127, AA449385, W24857, AA313412, N77971, AW303346, AA455582, AI312533, T56653, AA905068, AA304411, AW009793, AA514453, AA587237, N77395, AA129547, AW069049, AI816925, AC002543
1794	HRDEW54	877155	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 783 of SEQ ID NO:1794, b is an integer of 15 to 797, where both a and b</p>	AW303346, AA905068, AW009793, AA193396, AA514453, AA587237, AW069049, AI816925, AA425497, AA523849, AA455582, AI309995, AI768678, AI129597, AA129547, AI922487, W00839, AI679847, AI275507, AW070298, AI816908, AA278690, AA165044, AW168777, AA456079, AI250904, AA405639, AI679273, AI399923, AA600034, AA427915, AA613020, AA723373,

1795	HBMDC60	877157	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1794, and where b is greater than or equal to a + 14.</p>	<p>AI630755, AA926672, N95773, AI355684, AA576604, AI081443, N73000, AI633576, AW008775, AA989509, AW009019, AI309215, AI125948, AI431758, N58382, AA136562, AA425221, H11081, AA644362, AI080504, AA449256, AA029146, AA278232, F09333, AA190919, H00311, T91257, W02964, N33940, T99623, R49537, T57253, H83423, AA969769, AA826121, AW182061, AA975401, AW235959, AI767913, Z40018, AA640099, AA932232, T49289, T56653, AA029024, T49288, AI695342, W24857, AA159950, H00358, T49319, AW134475, AA434547, T49320, AC002543, AI143419</p> <p>AL031774</p>
1796	HOGDM40	877163	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 350 of SEQ ID NO:1795, b is an integer of 15 to 364, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1795, and where b is greater than or equal to a + 14.</p>	<p>AI459297, AA807285, AA428379, AA443512, AA808649, R73812, AA829249, R73811, AA306972, AI823917, AW296857, R34933, AI964018, R34837, AL120670, AL120664</p>
1797	HWLNG61	877165	<p>Preferably excluded from the</p>	

1798	HQCT53	877166	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 449 of SEQ ID NO:1797, b is an integer of 15 to 463, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1797, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 877 of SEQ ID NO:1798, b is an integer of 15 to 891, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1798, and where b is greater than or equal to a + 14.</p>	<p>N23022, AI742147, AA399952, AA773713, AI917300, AA773709, AA768407, N47504, AI339083, AI743525, AI276208, AI393759, AA933833, H97027, H97002, AI401278, AI952505, AW294197, AA844082, AI990110, AI770034, AI973154, AI381716, AA620473, AI990671, AA256663, N47503</p>
1799	HCRNV59	877167	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 420 of SEQ ID NO:1799, b is an integer of 15 to 434, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1799, and where b is greater than or equal to a + 14.</p>	<p>AA515852, AA806034, AA642399, AI804718, AA805516, AI494462, AI478789, AW236212, AA252353, AI768661, AA721744, AA761615, AA603497, AL134524, AL134110, AA252268, AL047163, AL042898, AL135012, AL042468, AL042523, AL042420, AL045327, AL045494, AL042741, AL045891, U46344, AL049280, AR066494, AL133053, AL122101</p>
1800	HCQDP52	877168	Preferably excluded from the	N94138, AL042183

1801	HFAAH06	877169	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 435 of SEQ ID NO:1800, b is an integer of 15 to 449, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1800, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 681 of SEQ ID NO:1801, b is an integer of 15 to 695, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1801, and where b is greater than or equal to a + 14.</p>	<p>W32491, AI557416, AA641955, AC007250</p>
1802	HWLWX0 2	877170	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 896 of SEQ ID NO:1802, b is an integer of 15 to 910, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1802, and where b is greater than or equal to a + 14.</p>	<p>AI432361, AI394416, AI075852, AA479958, AA491075, AA588390, N20112, AW377547, AI888417, AA446881, AF155106, AB033107</p>
1803	HCYBH52	877171	<p>Preferably excluded from the</p>	<p>AA305314, AI656138</p>

1804	HCRNX51	877173	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 526 of SEQ ID NO:1803, b is an integer of 15 to 540, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1803, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 217 of SEQ ID NO:1804, b is an integer of 15 to 231, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1804, and where b is greater than or equal to a + 14.</p>	AA232079, AF110400, AB018122	
1805	HHEPP92	877174	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 374 of SEQ ID NO:1805, b is an integer of 15 to 388, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1805, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 374 of SEQ ID NO:1805, b is an integer of 15 to 388, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1805, and where b is greater than or equal to a + 14.</p>	AI973079, AA813801, AA191593	
1806	HCQAB45	877175	Preferably excluded from the		

1807	HCYBG33	877176	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 270 of SEQ ID NO:1806, b is an integer of 15 to 284, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1806, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 320 of SEQ ID NO:1807, b is an integer of 15 to 334, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1807, and where b is greater than or equal to a + 14.</p>	AA305151, H10843	
1808	HCQDF43	877181	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 907 of SEQ ID NO:1808, b is an integer of 15 to 921, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1808, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 907 of SEQ ID NO:1808, b is an integer of 15 to 921, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1808, and where b is greater than or equal to a + 14.</p>	AL122007	
1809	HSHBU44	877184	Preferably excluded from the	AI683284, AW207832, AB007917, AB024568, E17301,	

1810	HLHSE50	877185	present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 842 of SEQ ID NO:1809, b is an integer of 15 to 856, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1809, and where b is greater than or equal to a + 14.	E17300
1811	HOSDV69	877187	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 648 of SEQ ID NO:1810, b is an integer of 15 to 662, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1810, and where b is greater than or equal to a + 14.	AA600172, AC005007
1812	HCRMH42	877189	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 677 of SEQ ID NO:1811, b is an integer of 15 to 691, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1811, and where b is greater than or equal to a + 14.	AI769803, AI769743, AI986284, AI031834, AI017244, AI247689, AI336761, AW445026, AA933877, AA947886, AI347451, AI344592, AI580382, AW302464, AA702771, AA923510, AI302541, W88655, N74646, AI343716, AA854730, H66770, H62545, W88899, U66036, AB008164, AF026303, AJ238392
			Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 842 of SEQ ID NO:1809, b is an integer of 15 to 856, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1809, and where b is greater than or equal to a + 14.	AI119483, AL119484, AL119418, AA554958,

1813	HSKZE25	877191	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 601 of SEQ ID NO:1812, b is an integer of 15 to 615, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1812, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1191 of SEQ ID NO:1813, b is an integer of 15 to 1205, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1813, and where b is greater than or equal to a + 14.</p>	<p>AC006576, Z84466, AC008012, AC006480, AC005701, AC004651, AP001053, AF019413, M20903, AC004968, AC004966</p> <p>AI740516, AI739132, AA631257, AI741376, AW068935, AI467852, AI123717, AI754551, AI752240, AW205510, AA464510, AW044211, AW028889, AW198033, AIS38632, AA513096</p>
1814	HCRMP38	877194	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 586 of SEQ ID NO:1814, b is an integer of 15 to 600, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1814, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 586 of SEQ ID NO:1814, b is an integer of 15 to 600, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1814, and where b is greater than or equal to a + 14.</p>	<p>AI623320, AL023654</p>
1815	HDPXD55	877195	<p>Preferably excluded from the</p>	<p>AL110186, AB011097</p>

1816	HHMMB4 0	877200	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 551 of SEQ ID NO:1815, b is an integer of 15 to 565, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1815, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 272 of SEQ ID NO:1816, b is an integer of 15 to 286, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1816, and where b is greater than or equal to a + 14.</p>	
1817	HEQAN41	877202	<p>Present invention excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1306 of SEQ ID NO:1817, b is an integer of 15 to 1320, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1817, and where b is greater than or equal to a + 14.</p>	<p>AW003740, W81689, AI862673, AW270849, AI912038, AI703038, AA937086, AI279103, AA282925, AI078559, AI768831, AA313607, AI275886, AI432429, AA903131, AI870642, AI189825, AA283134, W81688, AI521151, AW044071, AA410488, AA827169, AA730751, AA256352, AW131390, AI970675, AA989435, AA918065, AI813309, AI969627, AA255498, AA621557, AA828340, AI693110, AI351613, AI471645, AA025513, AI912910, AA410307, AW071626, AI655122, AI800296, AI651526, AI368793, AA976771, AI631084, AI829747, AI620149, AI970920, AA256209, AI422613, AI826838, AW389929,</p>

	AI638091, AI089178, AA582684, AI917053, AI024439, R70884, AI859906, AI915081, AI884861, R70883, AI279417, AA678616, F08214, AI859744, AA831801, AA553457, AA832016, AI922614, AW341882, AI798242, AA484892, AA610255, N92697, AA609826, AI631059, AI797998, AI869786, F08655, AA598605, AI038324, AA857812, AI018726, AA807579, AA778962, AW265688, AW019964, AA904211, AI383596, H59611, AI150934, H59651, AI889426, AW078821, AW390284, AI347665, AI860535, AA644223, AA581498, AA020882, AI472736, F33820, AW440568, R99613, AA678932, AI288033, AW081610, T76991, AW270429, N67313, AW270351, AA362791, AI803741, AI889995, AI359200, AA126814, AI419337, AI361090, AA757426, AA364420, AI421950, AI114645, AA345594, AW192518, AI671077, AW026305, AA579281, H39839, AW303822, AA856815, AL039761, AA643829, AA402113, AI289050, AA653291, AA436140, AI358776, F17537, AI284092, H38901, AI123488, AA603558, AI246061, AA501867, AI291419, AA484022, AF003627, AF035397, AF086459, AF130357, AC007656, AF111169, AC005231, AC002316, AP000350, AP000045, AL049830, AC004820, AL133448, AC004990, Z49258, AC007055, AL121603, AL031984, AC006084, L78810, Z82208, X51956, AL031602, U47924, U85195, AC003029, AE000658, AC006251, AC005696, AC007878, AL049692, AC005480, AC005082, AC000379, AC007057, AL049872, AC005006, AL031433, AC005484, AL031295, AC007687, AC005089, AL096791, AC002312, AL050305, AC006443, AL031728, AL133371, AC002432, AL049839, AC007225, AC005330, AC004841, AC002365, Y10196, AC004408, AC005212, AL022240, AC005332, AC005514, AL033527, AL049643,

	AL049694, AC005048, AC005902, AC010205, AC004383, AL049553, AC004148, AF064866, AC003982, AF196779, AL049641, AC008041, L44140, AF095901, AL050404, AL031293, AF207550, AJ003147, AC005778, AC003101, AC005695, AL121652, AC006359, AL024498, AP000113, AC003107, AP000352, AC000026, AC004675, AL020997, Z83844, AL035425, AC000359, AC007666, AL008582, AL049569, AC006115, AP000130, AP000208, AC005209, AC003036, AC005632, AC006455, AP000247, AL023879, U91318, AF088219, U95739, AC005971, Z95115, AL034377, AC004804, AL049780, Z69715, AP000304, AL109827, AF067844, AL031311, AC000031, AF053356, AC006965, AC006312, AL022165, AC003002, AC007021, AC004081, AC007350, AC005102, AF124523, Z69890, D84394, AC005943, AC003973, AC004685, AC007014, AC004797, AL035405, AC005355, Z98051, AC008078, AC004796, AC004447, AC004815, AC006211, AC005015, AC007686, AC004638, Z73988, AC004230, Z84466, AC004883, AC007688, AC007707, AC012085, AL049538, AL050347, AC009330, AC004583, AL117330, AC008372, AC005726, AC007376, AC005225, AC003692, AL035697, AC000025, AC005156, AL031774, AL035455, AL133163, AC004079, AL022719, AC002115, AC004819, AC004000, AC004477, A51133, A76958, AC002350, AC007546, AC008040, AC002996, AC003043, AC005907, AC005519, AL121782, Z98742, AP000030, AC005365, AL008729, AF217403, AL132985, AC005562, AC004890, AC006948, AC002551, AC004185, AC005844, AL035403, AC004539, AP000115, AP000695, AC009247, AL031730, AC002429, AL109963, AL033523, AC000112, AC007263, AL133245, AL031053, AL021397, AC002072, AF134726, AL031659, AC012627,

1818	HSDZB30	877205	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 807 of SEQ ID NO:1818, b is an integer of 15 to 821, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1818, and where b is greater than or equal to a + 14.</p>	<p>AL122020, AL021154, AC005666, AL136295, AC002504, AL080317, AC006111, AC004526, AL049871, AL009179, AL022721, AL031587, AC011331, AC005874, AF134471, AF109907, AC005969, AC006160, AL133244, AC002550, AL022313, AI632057</p> <p>AA129439, AA425398, AI381416, R17127, AI418660, AA314750, F32787, AI590092, AW021547, AA151302, Z42142, AA904204, U77327, AF064105</p>
1819	HWLWH5 6	877206	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 356 of SEQ ID NO:1819, b is an integer of 15 to 370, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1819, and where b is greater than or equal to a + 14.</p>	<p>AI989601, AC005593</p>
1820	HWLOT46	877207	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 388 of</p>	

1821	HOVCR67	877208	<p>SEQ ID NO:1820, b is an integer of 15 to 402, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1820, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 334 of SEQ ID NO:1821, b is an integer of 15 to 348, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1821, and where b is greater than or equal to a + 14.</p>	
1822	HLHSV54	877211	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 498 of SEQ ID NO:1822, b is an integer of 15 to 512, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1822, and where b is greater than or equal to a + 14.</p>	
1823	HSYBZ84	877212	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 926 of</p>	<p>AA922141, AA505358, AA515537, AI439152, AA603688, AI279253, AI003069, H09774, R61798, N46444, N48945, R45147, Z45425, R55783, R43907, R14995, AA348815, AB032971</p>

1824	H2LAC34	877213	<p>SEQ ID NO:1823, b is an integer of 15 to 940, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1823, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 488 of SEQ ID NO:1824, b is an integer of 15 to 502, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1824, and where b is greater than or equal to a + 14.</p>	AA304651, AI372785, AA496464, R09787, D59627, C16955, D45273, D80168, D52291, D51213, T03048, D59695, C14298, D51079, D80949, D80258, Z33452, AW360780, D59503, C14407, D58246, D80014, C14227, D80064, AI535686, D81111, T11417, T02974, AW377669, D58101, D52059, H67854, D59317, D80038, H67866, AI525216, AI525228, AA809122, AA305578, D50979, D80195, D52317, C15076, D80193, D80251, D59551, C06015, D81026, D80269, D80022, D59467, D80164, D59275, D80045, D80227, D59502, AI557774, D80302, C14389, AW377661, F13647, D51423, D58283, D80166, AI557751, D80439, T03116, D81030, D80188, D57483, C03092, D80043, D80157, D51103, D59859, C14331, D80212, D80268, D80366, D59889, C14973, D80196, D59619, D80133, D80247, D51022, D80210, D51799, D80391, D80240, D80253, D80219, D59787, D50995, AA305409, C04682, D80024, C14344, Z21582, D59474, AI525969, D80248, D59610, C14014, D51221, Z30160, D80522, AA514188, T02868, D59927, D31458, D80378, AI525238, C13958, H67858, AI525242, D45260, AA514186, AI525923, AI525227, D80241, AA514184, AI525978, AI525912, AI535961, C05763, AI525235, AI525920, AI525917, AI525215, T11191, AI525237, AI525903, AI525922, AI525907, AI525925, AI525914, AR016808, X64588, AB010386, AR060385, AJ132110, AB028859, AB019242, A82595, A84916, AB002449, I14842, I79511, AR008278, U37689, I81198, A62300, A62298, AR054175, AR008277, AR008281,
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1825	HCQAE29	877214	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 627 of SEQ ID NO:1825, b is an integer of 15 to 641, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1825, and where b is greater than or equal to a + 14.</p>	<p>AR018138, AF058696, A47134 AA505138, AA730263</p>
1826	HCRMV19	877215	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 433 of SEQ ID NO:1826, b is an integer of 15 to 447, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1826, and where b is greater than or equal to a + 14.</p>	<p>N72981</p>
1827	HWLMF31	877218	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 576 of SEQ ID NO:1827, b is an integer of 15 to 590, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1827, and where b is greater</p>	<p>AI806805, AA909734, AI205805, AI208930, AI023837, AI024558, AA808303, AI239842, AA904642, AI200741, AA861427, AI808962, AA971918, AA806642, AC004542</p>

1828	HFIIZ28	877220	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 411 of SEQ ID NO:1828, b is an integer of 15 to 425, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1828, and where b is greater than or equal to $a + 14$.</p>	<p>AA812688, AI418599, AI151240, AI808902, AI379148, AA878931, AI241082, AA938582, AI913473, AA194942, N30395, AA523704, AI379226, AI886468, AI472706, AI336385, AI287668, AA742997, AI754786, AW085594, AA876827, AI283450, AL044439, AI180129, AA525768, AA282183, AA628042, AA627935, AA916288, AI339391, AI289442, AL034430</p>
1829	HCQDK28	877222	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 368 of SEQ ID NO:1829, b is an integer of 15 to 382, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1829, and where b is greater than or equal to $a + 14$.</p>	<p>N75183, AI366031, F12542, T74151, AC012627</p>
1830	HHEQI29	877229	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 818 of SEQ ID NO:1830, b is an integer of 15 to 832, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1830, and where b is greater</p>	<p>AA446316, AA446497, AI198963, H38387, AI444827</p>

1831	HTWFA44	877230	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 576 of SEQ ID NO:1831, b is an integer of 15 to 590, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1831, and where b is greater than or equal to $a + 14$.</p>	<p>AI948974, AW150262, AW005687, AI805463, AI760052, AW130854, AI092715, AI561048, AI417784, AA846295, AI027808, AI073757, AI034006, N33620, AI215790, AI393040, AI022090, H95228, AI401833, AA771890, N92602, AW103347, AA496978, H95430, AA747344, AW183814, F22014, N56754, AI942322, AI313099, AA040794, AI470290</p>
1832	HOCMF20	877231	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3252 of SEQ ID NO:1832, b is an integer of 15 to 3266, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1832, and where b is greater than or equal to $a + 14$.</p>	<p>AI135440, W20119, AI810591, AI089310, AA044704, AA099241, AI806853, AA039903, AI420778, AI151415, AI093762, AI982907, AI871680, AI076492, AA099143, AI246659, AA041527, AA477336, AI188305, AI088688, W87880, W80803, AA479648, AW291739, AI023926, AI215789, AI768938, AA659926, AA523605, AA313436, AI452952, AI569996, AI354883, R61620, N72558, AW013938, W92312, AI168582, N33871, AI189869, W45147, AI151417, AI280515, W92299, AI379400, AA406620, AI636575, AA214649, W81054, AA748471, AA705551, AA723161, R70656, AI086670, C17933, AA830207, AW262560, W02383, AA906264, AA056377, AA040375, AI276236, AI141343, AA868115, AA862839, AI275375, H10905, AA129975, R80462, W45096, AA846612, AA847843, W87765, AA411692, AA369318, AI309745, AA359784, AA398795, AA044640, AA334622, AA367594, AI478815, AW054686, Z44983, AA367593, AI990089, R01145, AI954539, AI990659, AA379173, Z40721, AI886597, AI024032, R60952, AA670197, AA435840, AW389160, AA847919, R80663, AA056474, AA248230, N81095, AI206251, AI476295, AA211075, AI619485, N90439,</p>

1833	HWMBO5 0	877232	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 844 of SEQ ID NO:1833, b is an integer of 15 to 858, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1833, and where b is greater than or equal to a + 14.</p>	<p>R05760, AA079305, W07456, AA079306, AA847920, AW387693, AI925404, AI689470, AI953765, AI470293, AA806719, AA631120, AI889818, AI274527, AI249962, AI932739, AI888621, AI365256, AI679095, AW149876, AF003626, Y10043, AF022465, Z83826, Z93931, AC002526, Y10044, AC005479, AL024505, AL034450, AC002375, AL049709, AL035420, AF047701, L05085, AC004493, AF026008, Z20724, Z20735</p> <p>AI289115, AA653396, AI280875, AW439596, AA147044, AI683907, AI186619, AW191991, AI422310, AI653662, AA825197, AA854077, AA916637, AA810755, AI624228, AI763289, AA449797</p>
1834	HCQBD64	877233	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 283 of SEQ ID NO:1834, b is an integer of 15 to 297, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1834, and where b is greater than or equal to a + 14.</p>	<p>AW008122, AC005021, L48431</p>
1835	HATAP30	877234	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AI828084, AW292950, AI955290, AI425012, D54798, AA101714, AA661732, AI082095, AI433898, N78571, AA563807, AI457762, AA460668, AA101715,</p>

1836	H2LBB51	877235	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1244 of SEQ ID NO:1835, b is an integer of 15 to 1258, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1835, and where b is greater than or equal to a + 14.</p>	<p>AI148116, AI276830, AI378227, AI148121, AI082653, AI972872, AA631712, AI272196, AA603075, AI018047, AI453834, AI223254, AI026628, AW298807, AI280067, AI378917, T19338, T33356, AA761507, AI272883, R51104, AA644592, T03688, AI274939, AI268664, AI690246, T33873, N52587, AA461016, T32236, AA464590, AA693417, AI470644, F09140, F10434, H06959, H22931, AA318879, T15930, AL120494, AA371748, N75010, R41316, R41317, AI834293, D81373, AA767242, AW386979, R42324, T33358, T33357, AI366186, T27271, W01584, AI700577, AI767391, AI760808, W26393, W07166, AA861382, AI816326, AI291384, AI913952, W05753, AA488932, AA411945, T09288, R11766, H24112, AW293062, AI277039, R18459, R18460, AI302024, F12831, AB002385, AC006372, U66702, U81561, U65065, U73458, A63346, A63355, AF007555, Y08569, A63357, U91574, U82439, U57345, Z50735</p>
1837	H6EDT19	877237	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 747 of SEQ ID NO:1836, b is an integer of 15 to 761, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1836, and where b is greater than or equal to a + 14.</p>	<p>AA316077, AW407693, R35424, AL121134, AA356852, F12867, AA776842, AW163365, M74089</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 747 of SEQ ID NO:1836, b is an integer of 15 to 761, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1836, and where b is greater than or equal to a + 14.</p>	<p>AA402106, AI734033, AA401995, AI821646, AW438634</p>

1838	HWLOW8 7	877240	is any integer between 1 to 911 of SEQ ID NO:1837, b is an integer of 15 to 925, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1837, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 528 of SEQ ID NO:1838, b is an integer of 15 to 542, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1838, and where b is greater than or equal to a + 14.	W53026, AF180919	
1839	HWLMB22	877242	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 428 of SEQ ID NO:1839, b is an integer of 15 to 442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1839, and where b is greater than or equal to a + 14.	W92133, AL035400	
1840	H2CBA14	877247	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 428 of SEQ ID NO:1839, b is an integer of 15 to 442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1839, and where b is greater than or equal to a + 14.	AA307110, AI791261, N36579, D80195, D59467, D80164, C15076, D80227, D80269, D59275, D59502, D58283, D59859, D80022, C14331, D80166, D51799, D51423, D59619, D59610, D80210, D80391, D80240, D80253, D80043, D59787, D81030, D80038,	

		<p>is any integer between 1 to 501 of SEQ ID NO:1840, b is an integer of 15 to 515, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1840, and where b is greater than or equal to a + 14.</p>	AA305409, D80378, D80212, D80366, D50979, D80193, D80196, D80188, D80219, D59927, D57483, D50995, D59889, D80241, C14389, D80024, D80045, T03269, C75259, AW178893, D51022, C14014, AW378532, AW178775, AI732942, AA305578, AW179328, D80134, AW177440, D81026, D51250, D80302, D80251, AA514188, AW352158, D80248, D80522, F13647, D80268, AW378540, D80168, AW178762, C14298, D58253, AW177501, AW177511, D80064, D80133, AW352117, C14227, C14407, Z21582, AW377671, D81111, AW360834, AA514186, AW360811, AW375405, D80132, D80439, AW366296, D80247, AW360817, AW375406, AW178905, AW378534, AW352171, AW179332, AW377676, AW377672, AW179023, AW178906, AW178754, AW179024, AW178907, AA285331, AW179020, AI557751, AW177456, C06015, D51097, AW352170, AW17731, D51103, AW179019, AW179018, T03116, D80157, AW378528, AW178908, AI557774, AW352174, AW178914, AW178781, AW378543, AW378525, AW352163, D80258, AI525923, D80014, T48593, D59627, AW178774, AW378539, D45260, AA809122, T11417, H67866, D45273, C03092, H67854, AW367950, AI525227, D51213, AW178986, D59317, D59503, T02974, D58246, C14973, AI525917, AW179013, T03048, C14344, AW378533, AI535686, D51221, D59474, AI525920, D59551, AA514184, D58101, Z30160, H67858, AI525925, AI525235, AI525242, T02868, Z33452, AI525239, C16955, AI525912, AI525237, AI525215, AW378542, C13958, D31458, A84916, AJ132110, A62300, A62298, AR018138, X67155, Y17188, D26022, A25909, A67220, D89785, A78862, D34614, AF058696, D88547, AR008278, AB028859, X82626, AR025207, AB2595, Y12724, A94995, AR060385, AB002449, AB012117, AR066482, X68127, AR008443, A85396,
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1841	HCRNM80	877250	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1013 of SEQ ID NO:1841, b is an integer of 15 to 1027, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1841, and where b is greater than or equal to a + 14.</p>	<p>I50126, I50132, I50128, I50133, A44171, A85477, I19525, A86792, U87250, AR066488, AR016514, X93549, AR060138, A45456, A26615, AR052274, I14842, Y09669, A43192, A43190, AR038669, AR066487, AR054175, A30438, Y17187, I79511, I18367, A63261, D50010, AR008277, AR008281, AR062872, A70867, D88507, AR016691, AR016690, U46128, AR008408, AF135125, A64136, A68321, D13509, AR060133, U87247, AB033111, AR064240</p> <p>AI479603, AW190581, AA573923, AA883422, AA625554, AW172498, AI031618, AI910454, AI332605, AI738984, AA910770, N30717, AA146619, AI348584, AA309589, AA143550, AA146653, AW293078, AA625575, AA625979, AA676991, AW384713, AA494197, AA679394, AA085095, AI800002, AI739098, AI126129, N41331, AI682193, R00299, AA143647, H79815, AA626482, AW362188, AI372964, C05152, N75441, AA085143, W89067, AI290775, AI202571, T99951, AW008713, W95658, AW384743, R45400, AI201781, AW389792, AW389779, AW389790, W95657, AA721631, AA354111, AW389774, AW192109, R29667, AW389836, AA515518, C03882, H79909, AI267185</p> <p>N65940, H82959, H72780, R09098, H90731</p>
1842	HCQCC04	877251	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 430 of SEQ ID NO:1842, b is an integer of 15 to 444, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1842, and where b is greater than or equal to a + 14.</p>	
1843	HCQC117	877254	<p>Preferably excluded from the</p>	<p>AA129983, M73489, S57551, D17513, Z74734</p>

1844	HF1YJ63	877255	present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 536 of SEQ ID NO:1843, b is an integer of 15 to 550, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1843, and where b is greater than or equal to a + 14.	AL135394, W87908, AB002331
1845	HWLOW5 1	877256	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 312 of SEQ ID NO:1844, b is an integer of 15 to 326, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1844, and where b is greater than or equal to a + 14.	H23330, AI796906
1846	HHFBA07	877257	present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 563 of SEQ ID NO:1845, b is an integer of 15 to 577, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1845, and where b is greater than or equal to a + 14.	AW130559, AA604942, AI125644, AI703464,

1847	HWLDO51	877258	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 718 of SEQ ID NO:1846, b is an integer of 15 to 732, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1846, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 302 of SEQ ID NO:1847, b is an integer of 15 to 316, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1847, and where b is greater than or equal to a + 14.</p>	<p>AW103052, AI391708, AI452537, AI460380, AI050784, AI949725, AI052071, AW237646, AI538701, AI435508, AA621302, AA233121, AI348838, AI339780, AI800246, T67212, AI144461, AW130699, AA527371, AW205441, AA346401, AI247525, AI352551, AI651506, AA707110, R46530, AI927033, AI560516, R46529, AI918364, N75541, R51933, R72231, H45846, T67213, AA627945, N40063, AA233205</p>
1848	HLSAE05	877261	<p>Present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 703 of SEQ ID NO:1848, b is an integer of 15 to 717, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1848, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 703 of SEQ ID NO:1848, b is an integer of 15 to 717, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1848, and where b is greater than or equal to a + 14.</p>	<p>AA307126, Z99396, AW392670, AW372827, AW384394, AW363220, AL119335, AL119497, AL119443, AL119522, AL119319, AL119363, AL119496, U46341, AL119457, AL119324, AL119483, AL119484, AL119391, AL119341, AL119355, U46350, U46349, AL119396, U46351, AL119418, AL036418, AL038837, AL037051, AL036725, AA631969, U46346, AL119444, U46347, AL042614, AL042965, U46345, AL134518, AL036858, AL134533, AL042970, AL134524, AL119439, AL037205, AL134528, AL042975, AL119401, AI142137, AL119399, AL036924, AL042984, AL042551, AL134538, AL042433, AL042995, AL119320, AL042850, AL119488,</p>

1849	HCRP105	877263			AL038509, AL042450, AL043019, AL043029, AL037085, AL042544, AL042542, AL042896, AL037094, AL037526, AL036196, AL037639, AL119304, AL043003, AL036268, AL037082, AL036767, AL037077, AL036190, AL119464, AL036774, AL038520, AL036998, AL038851, AL038447, AL036733, AL037178, AL036238, AL036719, AL037615, AL037027, AL036765, AL036191, AL036679, A81671, AR060234, AR066494, AR023813, AR064707, AR069079, AR054110, AB026436
1850	HCYBD05	877264		Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 349 of SEQ ID NO:1849, b is an integer of 15 to 363, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1849, and where b is greater than or equal to a + 14.	AA305049, N50596, AL120893, U55937, U81001
1851	HKLSD44	877272		Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 522 of SEQ ID NO:1850, b is an integer of 15 to 536, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1850, and where b is greater than or equal to a + 14.	AI183955, AW136574, AI654355, D13902, D13897, L25648, AC007993, D13899, M17523, S57220,

1852	HFIXP45	877274	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 522 of SEQ ID NO:1851, b is an integer of 15 to 536, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1851, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1991 of SEQ ID NO:1852, b is an integer of 15 to 2005, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1852, and where b is greater than or equal to a + 14.</p>	<p>L37369, Z58904</p> <p>U69202, AI341555, AI808490, AI347923, AA903736, AA210763, AI139380, AI631374, AA129554, W70085, AI648656, AA932877, AA136568, R39447, F09386, AI351322, AW001825, T77200, F11728, T09089, T10129, H17528, T10128, AI867156, R59448, R59388, AI868687, Z19406, AI474036, Z42465, Z28503, Z38662, F06906, F04874, R13169, H17840, AA348361, R13170, Z45682, AB000814, D89722, U60415, AF044288, AB000812, AB000813, AB012600, U51627, AF015953, AB012601, AB015203, AB012602, AB014494, AF070917, AB000815, AB000816</p>
1853	HAQNS64	877275	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 552 of SEQ ID NO:1853, b is an integer of 15 to 566, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1853, and where b is greater than or equal to a + 14.</p>	AC005740
1854	HCQDG09	877280	<p>Preferably excluded from the present invention are one or more</p>	<p>N99659, AW404075, AA469906, AI142357, AI142321, AA316159, N42495, R57922, Z59290</p>

1855	HCQCP81	877281	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 236 of SEQ ID NO:1854, b is an integer of 15 to 250, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1854, and where b is greater than or equal to a + 14.</p>	<p>AI207647, AI065109, AI207735, AI133231, AI065011, AI133300, AI110723, AI132917, AI064699, AI114870, AI064757, AI133022, AI207442, AI133620, AI174820, AI132979, AI207715, AI110641, AI133496, AI293047, AL047029, AA401001, AA477957, AI827434, AL119430, AA533278, AA149787, AI749240, AA477922, AA876525, AA618213, C17649, AA663700, AW082028, AI267206, AA563936, AI557108, AI951094, AA516319, C18953, AA654914, AA534001, AA633948, AA554486, AA196910, AA554113, AI041814, AI174849, AA595757, AA149676, AI536097, AA214075, AA548841, W29121, AI133692, AA576110, AA983610, AI267350, AA502430, AA458987, AA161230, AL043123, AA548336, AA555071, AA664569, AW073785, C17145, D51211, AI535890, AI253388, C18535, C18706, AA783018, AA410807, AA583220, AA578683, AA886497, AA758834, AI524899, AA179156, AI133161, AA224754, AI192604, AA595503, AA512996, AA897022, AA514885, AA100351, AA293439, AA400969, AA911976, AA604469, AA654272, AA197149, AA580161, AA889892, AA566006, AA908677, AA095070, AI524960, AW368638, AA579806, AA235499, AA576180, AA834302, AA587814, AI535677, AW368637, AA400809,</p>
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	AA079632, AA593495, AA617685, AA653974, AA523492, AA725126, AA428850, AA464752, AA507391, AA291811, AA214074, AI025574, AA834333, C18039, AA143135, AI910010, AA508758, AA527764, AA225751, AW373400, AA481923, AA582805, AA923266, AA554801, AA886075, AA908596, AA938043, AA879019, AA526743, AW378088, AA554076, AA090685, AA985612, AA595582, AA112939, AA564658, AA431814, AA401126, AA492096, AI954125, AA709167, AA171612, AA086336, AA532797, AI783446, AA576154, AA470370, AI910011, AA583092, AA564029, AW371295, AA680242, AW070565, AA679139, AI910004, AA620694, AA091624, AA086135, AA453608, AI133009, AA886562, C03930, AA464751, AA094464, AA194368, AI015676, AA176484, AA877931, AI936914, AA992091, AA708229, AA551520, AA694521, AI680484, AW175960, AA934835, AW371871, AA079806, AA650245, AA724218, AI620133, AA568749, AI525240, AA456614, C03144, R28950, C18721, AW362558, AA506494, AA095478, AA649597, AA534145, AA630561, AW178904, AA632764, AA702642, AA196736, AA916453, AA181000, AA127860, AA214682, AA640699, C15091, AW382590, AA210666, AA249278, AA464045, AA194421, AA216167, AA492256, AA921332, AW364429, AW373695, AW373663, AI253336, AW373685, AI832579, AW364463, AW364399, AA554414, AA159642, AI004318, H01671, AI862143, AI908712, AI052019, AI565446, AW367539, AW178905, AA193076, AI953931, AI708040, AA714432, AW383933, AI833081, AA090224, AI935127, X62996, X93334, M10546, V00662, J01415, D38112, AF134583, AF014882, AF014883, AF014888, AF014889, AF014890, AF014892, AF014897,

1856	HLHEI46	877282			<p>AF014898, AF014901, AF014893, AF014894, AF014899, AF014891, AF014895, D38116, D38113, X93335, AF014903, AF014904, AF014917, AF014910, AF014920, AF014908, AF014913, X93347, AF014905, AF014916, AF014906, AF014907, AF014909, D38114, AF014902, AF014919, X97707, D38115, D38484, X99256, X89843, U95646, X14848, X59268, S75895</p> <p>AI669644, AI925693, AA548892, AA233718, AI961715, AA974649, W16617, AI092738, AW207722, AA233142, T64223, N79582, M27717, M73720, S40234, J05118, U67914, M73718, M73719</p>
1857	HCROB02	877283			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 922 of SEQ ID NO:1856, b is an integer of 15 to 936, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1856, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 520 of SEQ ID NO:1857, b is an integer of 15 to 534, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1857, and where b is greater than or equal to a + 14.</p> <p>AL043619, AI632642, AI168748, AI376972, AI925713, AI703467, AI681157, AI279540, AI521713, AI888798, AA420977, N40163, AW235376, AW027303, AI581196, AI274962, AW080693, AI082185, AA437229, N51345, AW337551, AA761745, AA747627, H97971, AW440981, AA129415, AA514752, AW338816, AI264914, AW367007, AL041883, AI332872, AA768454, AA720670, AA281119, N67945, AI358787, AI978861, D62242, R55623, AA837971, AA835005, D61857, AI640690, AI695207, AA832003, AI701314, D62442, AA741386, AW297680, AI453837, AI335195, AI079445, N23185, AA843537, AI923841, AI651407, AI569072, AW070934, D63021, AI990693</p> <p>AI633741, AI017113, AA305124, AA227077, X58531</p>
1858	HFKIN68	877284			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>

1859	HWHGC93	877285	<p>the general formula of a-b, where a is any integer between 1 to 1716 of SEQ ID NO:1858, b is an integer of 15 to 1730, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1858, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 876 of SEQ ID NO:1859, b is an integer of 15 to 890, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1859, and where b is greater than or equal to a + 14.</p>	<p>AW275818, AI969511, W68529, AA627916, AW275825, W68815, AI375939, H42716, AI611676, R48249, AA642987, AA631033, R73789, AI800001, AW452308, AW117862, AI474539, AI220853, AA730105, AA933672, H25944, AI745535, AW276480, D29313, AW381131, AW380949, C00410, AW381579, AW381130, AI220849, H25979, AA368136, AL035408</p>
1860	H2CBC75	877287	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 544 of SEQ ID NO:1860, b is an integer of 15 to 558, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1860, and where b is greater than or equal to a + 14.</p>	<p>D83865, AA307061, AI400071, AA129911, D80268, D51060, C14389, C14014, D80522, F13647, D81026, AW177440, Z21582, D81111, AW177501, AW177511, C14227, D58283, D80043, T03116, D59610, AA305578, D80022, C14331, D50979, AW369651, AW178986, D80168, D80247, AA285331, D51022, D80038, AA514188, AA305409, D59859, D80166, D50995, D80195, D59467, D51423, D59619, D80210, D51799, D80391, D80164, D59275, D80240, D80253, D59787, D80227, D59502, D80439, D80241, D80014, T11417, D81030, AW352117, D80188, D80269, D80024, D80212, D80366, D80196, D59653, D80219, D57483, D59927, D80248, AA514186, D51103, C15076, D80064, D59889, D80193, C14429, T03269, AI557751, AW352120, D80045, D80133, D80378, D51759, D80302, AW178762, C14407, D80157,</p>

	AW360811, AW377671, AW178893, AW177734, D80251, AW378540, D52291, AW178759, D59373, C75259, AW378533, AW375405, AW360844, C14077, D59627, T02974, C06015, C14298, AW178906, H67866, AW179019, D51213, AW179328, C05695, AW366296, AW378539, AW360817, AW179020, T48593, AW378532, AI525923, AW375406, AA809122, AW378534, AW352171, AW179332, AW377672, AW179023, AW178905, AW177731, AW378528, AW178754, AW179024, AW377676, D45260, AW177505, AW178775, C03092, AW360841, AW352170, AW352158, D51250, AW178909, AW177456, AW179004, AW178907, AW178908, H67854, AW179018, AW178971, AW360834, C05763, C14344, AW367950, AW179009, D60010, AW179012, AW178980, AW178914, AW178774, AW178781, AW177733, AW378543, D80258, H67858, D59474, D58246, C14973, C14957, AI525917, AI525227, D59317, D58101, D59503, D51221, AW178911, AW378525, C14046, AW352163, AI557774, AI525920, AA514184, AW177728, AI535686, AW179013, D60214, AI525235, D59551, C16955, T03048, AI525925, AI525215, Z33452, AI525912, D45273, AI525242, Z30160, AW378542, C13958, AI525237, AI905856, AI525222, T02868, AW360855, D80654, D52317, D31458, AB002804, D86959, D88425, AJ132110, AF058696, A62300, AB028859, AR008278, A84916, A62298, AR018138, A82595, AR060385, AB002449, I50126, I50132, I50128, I50133, X68127, AR060138, AR016514, X67155, Y17188, D26022, A25909, A45456, A26615, AR052274, A94995, AR054175, Y12724, AR066488, A67220, D89785, A78862, D34614, Y09669, A43192, A43190, AR038669, AR008443, AR066487, A30438, I14842, Y17187, D88547, AR008277, AR008281, A70867, D50010, A63261, X82626, AR062872, AR016808, AR008408, AR025207, AR016691,

1861	H2LAW79	877288	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 829 of SEQ ID NO:1861, b is an integer of 15 to 843, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1861, and where b is greater than or equal to a + 14.</p>	AR016690, U46128, A64136, A68321, AR060133, I79511, D13509, AF123263 AA315705, AA329923, D80268, AA305578, D59502, D80164, D50979, C06015, C14389, D80038, F13647, D59275, D80195, AW178759, D80188, D59467, D80227, AW178986, AA514188, D58283, D51799, AA305409, D51022, D59859, D80043, D80022, C14331, D80166, D50995, D51423, D59619, D80210, D80391, D80240, D80253, D59787, C15076, D80269, D81030, D80378, D80212, D80193, D80196, D80219, AA514186, D81111, AW378533, D59927, T03116, D80045, D81026, D59610, D57483, C14227, D80439, D80522, D59889, T03269, D80024, D80247, AW177440, D51103, D80248, D80241, D80366, D80302, C14014, Z21582, D59695, AW178893, D80133, AW178906, D52291, D80064, D80157, AW377671, AA285331, AW352117, D80251, C14407, AW360811, D80168, D80014, AW375405, AW179332, C14298, AW179328, D59503, AW178754, AW179019, AW378532, AI525923, AA809122, AW366296, AW360817, D59317, AW352120, AW179020, D45260, AW375406, AW377676, AW378534, AW352171, T48593, AW377672, AW179023, AW178905, AW177731, D51250, AW178762, AW179024, AW178971, C03092, AW378528, H67854, H67866, T11417, D59627, AW177456, AW179012, AW178907, AW178908, AW179018, D80258, AW378540, AA514184, AW360834, T02974, C14344, AI525917, AI557774, D58246, D59551, AW179013, D51221, C14973, AI535686, AW367950, AW178914, AW178774, AI525227, AW378543, D59474, AI525920, AW378539, D31458, H67858, AI525925, D51213, D58101, Z30160, AW378525, AW352163, AW178781, D45273, AI525242, AI525235, AI557751, T02868, C16955, C14077, AI525912, Z33452, AI525903, AW378542, AI525215, C13958, AA305720, AI525237, T03048, Z86064, AL049679, AJ132110, AB4916,
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1862	HCE2C40	877289	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 250 of SEQ ID NO:1862, b is an integer of 15 to 264, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1862, and where b is greater than or equal to a + 14.</p>	<p>AB028859, A62300, A62298, AR018138, AR060385, I50132, A82595, AR008278, AF058696, AB002449, Y09669, I50126, I82448, I50128, I50133, X67155, Y17188, D26022, A25909, A67220, D89785, A78862, D34614, AR016514, Y12724, A94995, AR060138, A45456, A26615, AR052274, I14842, A43192, A43190, AR038669, AR066488, AR066487, AR054175, A30438, AR008443, X68127, D88547, Y17187, A63261, X82626, AR008277, AR008281, D50010, AR025207, AR062872, A70867, AR016808, AR016691, AR016690, I79511, U46128, AR008408, A64136, A68321, AR060382, D13509, AR060133 AC005368, AF059650</p>
1863	HMCDS4	877290	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1868 of SEQ ID NO:1863, b is an integer of 15 to 1882, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1863, and where b is greater than or equal to a + 14.</p>	<p>AL133778, AW408536, AA397575, AA399688, AA725429, AA324765, AA321795, AW243558, R86033, AW271180, H65207, AL134927, AB032995, AB018253</p>

1864	HTPFG64	877295	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1912 of SEQ ID NO:1864, b is an integer of 15 to 1926, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1864, and where b is greater than or equal to a + 14.</p>	<p>AW268628, AW408344, AI042425, AA286908, AI093993, AW316896, AI339306, AA736991, AI271364, AI539564, AA287969, AI689236, AI240770, AA035024, AA035512, AA804433, AW001846, AI191237, AI161031, AI015252, AW192454, AI817128, AI867530, AA557231, AI452866, AA804383, AL043242, AAG27583, AA809613, T27814, M30818, M33883, AC004497</p>
1865	H2CBQ45	877298	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 544 of SEQ ID NO:1865, b is an integer of 15 to 558, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1865, and where b is greater than or equal to a + 14.</p>	<p>AW263526, AA457032, AW136358, AA828242, AA313271, AL078644</p>
1866	HCQAD77	877299	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 335 of SEQ ID NO:1866, b is an integer of 15 to 349, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1866, and where b is greater than or equal to a + 14.</p>	

1867	HKLSB60	877301	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 522 of SEQ ID NO:1867, b is an integer of 15 to 536, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1867, and where b is greater than or equal to a + 14.</p>	<p>AA225376, AA226584, T94384, R73816, R73841, AA002207, AA225124, AA225347</p>
1868	HLHTC92	877310	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 839 of SEQ ID NO:1868, b is an integer of 15 to 853, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1868, and where b is greater than or equal to a + 14.</p>	<p>R66025, R76969, AW043721, AA553904, AI417134, R58054, U77970, AR059959, U51625, U77969, AR059960</p>
1869	HWLXP93	877319	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1232 of SEQ ID NO:1869, b is an integer of 15 to 1246, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1869, and where b is greater than or equal to a + 14.</p>	<p>AL119992, AI968101, AI806911, AI656159, AI299706, AI918763, AW021370, W49735, AA805636, AA906238, AA884471, W49632, T77508, AW190697, AW020878, AA812095, AA805395, AI767210, H08971, AA909382, AA325979, AA805574, AI911384, AI520787, AC007239, U79290</p>

1870	HUKBC55	877320	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 119 of SEQ ID NO:1870, b is an integer of 15 to 133, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1870, and where b is greater than or equal to a + 14.</p>	AA299388	
1871	HE9FH60	877321	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 408 of SEQ ID NO:1871, b is an integer of 15 to 422, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1871, and where b is greater than or equal to a + 14.</p>	AC005037	
1872	HHEFC89	877324	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 615 of SEQ ID NO:1872, b is an integer of 15 to 629, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1872, and where b is greater than or equal to a + 14.</p>		

1873	HCEOF08	877326	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1393 of SEQ ID NO:1873, b is an integer of 15 to 1407, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1873, and where b is greater than or equal to a + 14.</p>	<p>N20930, AL135016, AL134824, AA702162, C03031, AW172587, AI139490, AW057590, AI809330, AI521171, N27797, AI953095, AI307324, AA705112, AA969165, AA284734, AA325231, AI219990, AA287154, C03026, AI122656, AA772255, AA782094, AW073074, AI685711, AW192900, AI659385, AA044259, AW451578, AI001129, R28506, R28654, AW296185, AA044143, AF034374, AJ224328</p>
1874	HLHBZ17	877327	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 693 of SEQ ID NO:1874, b is an integer of 15 to 707, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1874, and where b is greater than or equal to a + 14.</p>	<p>C15947, H86703, AA359866, D61503</p>
1875	HWLRP86	877329	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 251 of SEQ ID NO:1875, b is an integer of 15 to 265, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1875, and where b is greater than or equal to a + 14.</p>	<p>AI093660, AW327590, AA706690, AW296986, AA156871, AA243570, AA394118, AA402938, AI870692, AI635237, AI139325, AI286284, AW298025, AI830613, AA736608, AW008771, AW004643, AI277887, AI040732, AA628965, W93926, AI352001, AA954225, AI278572, N33931, AI128499, W46369, AI159880, AI362660, AI350268, AA622742, AA887292, AI276858, AA250840, AA437277, AA039774, AI242916, AI187707, AA804951, AI277891, N63418, AA557131, AA662472, AI251864, AI097294, AA991440, H99028, AI572652, AI610660, AA055193, AI378407, AA719806, AI423797,</p>

1876	HISEQ81	877331	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 499 of SEQ ID NO:1876, b is an integer of 15 to 513, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1876, and where b is greater than or equal to a + 14.</p>	AA729670, AA446337, AI311820, W81234, AI300798, AA156771, AA447436, AI189310, AA664607, AI091132, AI589143, AA918355, AA929050, AI095636, AA563972, N39264, N62211, AA936816, AA932784, AI868453, AW088157, AA970862, R77959, AI205800, N32013, AI582264, AI376345, AI224485, AI274254, AI334251, AI401393, AI079459, AI091021, AI277813, C14412, AI626008, AI279571, R26078, D80204, AA621068, AI400442, R80543, AI479083, AA641535, AI378637, W81271, W81215, R62807, H00547, C14369, AI784466, AI160567, AI160569, C14400, AI926459, C14352, AA442355, C14220, C14335, AA687810, C14509, AA907451, AW025906, AA459765, AL040127, AF125059, AR029580, AF194030, AL133075, S77771, AF114784, AL137429, AL117443, AF207750, AL133645, U67958, S78453, AL137554, Z30970 AA251070, AA653366, AL035663, AC008085, U85196, AE000660, AC004707, AC006023, AF045450, AL133247, AC004897, AL031390, AF135487, Z83850, AF121782, AL109922, AL034410, AC007567, AC007043, AB026898, AP000500, AP000027, AC000064, AC007566, AL031775, AL023581, AC004381, AL022069, A60169, AC023172, AL008629, AF072497, AC009946, A60201, AC004020, AF072499, AF064860, AF072501, A60173, A60168, AB024464, AB024472, AB024457, AB024458, AB024460, AB024479, AB024484, AB024488, AB024459, AB024469, AB024471, AB024478, AB024481, AB024462, AB024467, AB024463, AB024470, AB024473, AB024475, AB024474, AB024482, AB024476, AB024465 AA779795, AI808514, AA632293, AW263707, AI264254, AI573067, AI268002, AA983452, AI863711, AI434573, R38583, N66320, AA297783, AA889997, AW020741, AW084236, AI961833,
1877	HWLWA0 7	877332	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	

1878	H2CBS31	877333	<p>the general formula of a-b, where a is any integer between 1 to 636 of SEQ ID NO:1877, b is an integer of 15 to 650, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1877, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 707 of SEQ ID NO:1878, b is an integer of 15 to 721, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1878, and where b is greater than or equal to a + 14.</p>	<p>AW409834, AI914107, R37238, AI202244, AW050863, AI656365, AA318265, Z39970, AI767672, AA757332, AI557697, AI547137, T69960, AI541216, AI535787, AI547038, AI557382, AI541533, AL122101, AL008582, AL035659, U44059, U06935, Y11149, AJ132931</p>
1879	H2CBN88	877334	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 550 of SEQ ID NO:1879, b is an integer of 15 to 564, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1879, and where b is greater than or equal to a + 14.</p>	<p>AI248204, AA677184, AI380963, AA284845, AW081587, T18597, AI525556, AI557084, C14322, AI541205, AI525500, AI557533, H65400, AW023216, AI557082, AA308485, AI541321, AI557731, AI557238, AI557263, AI557602, T69960, AI541034, AI557258, T61541, AI557697, AI535813, AI525856, AI557543, AI541027, AI535994, Z66121, AR050070, A62298</p> <p>AA054379, AA307842, AA018519, AI581828, A59459, A59517, AF048695, U52377, A59470, U53138, A59468, U52375, A59469, U52376, A59466</p>
1880	HWLOK01	877336	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AI287235, AA587620, AA729307, AI821703, AI698647, AI688112, AI767799, AA887822, AA973956, AI693558, N78520, AI824444, AI609594, AI682837, AI690813, AI584118, AI824357,</p>

			<p>the general formula of a-b, where a is any integer between 1 to 263 of SEQ ID NO:1880, b is an integer of 15 to 277, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1880, and where b is greater than or equal to a + 14.</p>	<p>AI224373, AI886355, AI537516, AW167777, AI911020, AI567802, AW151451, AI954293, AW194014, AI888095, AI439903, AW079859, AI885905, AI635528, AI049669, AI689096, AI636309, AW131165, AW090681, AW084440, AI538008, AI784230, AI491710, AI925164, AI220828, AI432532, AI696714, AI472566, AI874238, AW761557, AI251221, AI620643, AI886940, AI285439, F34241, AI553926, AI628325, AI559863, AI954095, AA743430, AI804505, AI357902, R39624, AI918554, AW079572, AW084896, AI580694, U82987, AC005218, I09499, AF109683, AL096728, AJ001388, X52220, U57715, AF188712, X95310, U51123, AF081571, X66975, X57084, U79523, X66862, AF090923, AB031064, X68560, AF078844, AF114818, I22272, AL137663, E02253, X60786, AF002672, M92439, X99226, X98066, AL133067, AJ132433, AF153205, AF167995, AR064250, AF119337, AL133069, AF114170, AF200464, AF090886, X63574, Y08769, AR012379, AF141976, X06146, AF077051, AF003737, L40386, A65341, AL080146, J05032, AL050108, AJ012755, AF038847</p>
1881	H2CBR23	877338	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2508 of SEQ ID NO:1881, b is an integer of 15 to 2522, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1881, and where b is greater than or equal to a + 14.</p>	<p>AW340662, AW316660, AI970681, AA889159, AI458059, AI590367, AI679607, AI797703, AW338264, AI739401, AA523715, AA425084, AI216290, AA515788, AA526334, AI677745, AA134355, AI674509, AA143532, AA313282, AA927236, AA315699, AI620159, AA922890, AW062635, AW374778, AA100752, AW374734, AW368107, AI214469, AA134354, AW368106, AA385843, AI919003, AW379835, AW389815, AW206252, AA213695, AA305544, AW418789, AW368007, AW368008, AW374786, AA313396, AI940533, AI940454, AW062630, AI920939, R25623, AW176592, AA376950, AW389787, T48510, AW178927,</p>

1882	HCVBK82	877339	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 441 of SEQ ID NO:1882, b is an integer of 15 to 455, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1882, and where b is greater than or equal to a + 14.</p>	AA314737, AW262708, AA626931, AW390922, AA074381, AI219498, AW390912, R27011, AW390971, AW391129, AW379257, AW391053, AA746736, AW390981, AW276892, AW391030, T24527, AI815057, AW057823, W52053, AA524509, AW374790, W60597, AF132818, DI4520, AF079852, D82785 AA305544, AI970681, AI590367, AI797703, AA425084, AW316660, AI458059, AI739401, AI679607, AA889159, AW340662, AA922890, AI677745, AI216290, AA515788, AI674509, AA134355, AW338264, AI620159, AA100752, AA927236, AW206252, AI273521, AI919003, AA626931, D59859, D80227, D80269, D80195, D59275, AI214469, D59502, D80391, D59787, D58283, D80038, D80022, D80166, D51799, D81030, D59610, D80196, D59467, D51423, D59619, AA524509, D80378, D80210, D80240, D80253, D80043, D80164, D80212, D50979, D80193, D80188, C14331, D80219, D59927, D57483, D50995, D80366, D59889, C14389, D80241, C15076, D80024, AA305409, D80045, C14429, D81026, T03269, C75259, D51060, AW178893, C14014, AW178775, D80134, D51022, AW179328, D80949, AA514188, AA305578, D80268, F13647, D51250, AW177440, AW378532, AW418789, AW369651, D80522, D58253, C14227, D80168, AW352158, D80251, D81111, AA514186, D80248, AW178762, AW177501, AW177511, C14298, AI910186, Z21582, AI905856, D80064, D80133, AW352117, AW360811, C14407, AW377671, C05695, AW176467, AW375405, AW360844, AW378540, D80132, AA285331, AW366296, AW360817, AW375406, AW178905, AW378534, AW352171, AW179332, D51097, AW377672, AW179023, D80439, D80302, AW377676, T03116, AW360834, AW352172, AW352174, AW177505, AW360841, AW178909, AW178907, AW178906, AW352170, AW177731, AW178754, AW179019,
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1883	HCRMK82	877340	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>

1884	HDTBO06	877344	<p>the general formula of a-b, where a is any integer between 1 to 844 of SEQ ID NO:1883, b is an integer of 15 to 858, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1883, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1405 of SEQ ID NO:1884, b is an integer of 15 to 1419, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1884, and where b is greater than or equal to a + 14.</p>	<p>AI627846, AI686196, AI766030, AA159730, AA159731, AI478216, AI745281, AA683246, AA252582, AW085579, AA936240, AA464699, AA732427, FI1142, N62186, AA825887, N90846, N77132, AA376347, F08813, H50638, AL121257, AL021937</p>
1885	HEGAM94	877346	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1999 of SEQ ID NO:1885, b is an integer of 15 to 2013, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1885, and where b is greater than or equal to a + 14.</p>	<p>AI935271, AI762915, AI809275, AA398950, AI127111, AI813351, AA749298, AA705921, AI343768, AA776967, AA766587, AW070583, AI052069, AA291984, AA715043, AA460658, AA804876, N44967, AA394137, AW071467, N93279, AI343843, AA393817, AI452856, AA292934, R90963, W72279, AA861873, AA526081, AI819873, AA226137, AA262543, R72676, T17354, AA514931, R73310, R90959, W25119, R64455, AI783605, W76306, AI624523, AA490863, AA261906, AI864544, AW068181, AA860972, R72980, H83354, AA359560, AI632879, AA291985, AA255873, AA325261, AI057127, R48640, R18641, AA461005, AA261923, R18640, H83702, Z38970, N36710, AL134185, H90736, H59529, H90786, AI784395, AA652150, AA652026, H60402, Z42828, AA226136, AA776284,</p>

	AA491047, AA393770, AA909279, D20449, AI696435, H11527, AA398313, R41605, AI584130, AI473208, AI862134, AI273856, AL036705, AIS39260, AI673140, AA715307, AA809974, AI369807, AL135047, AI440260, AW083572, AI554344, AA580663, AI683972, AI440238, AW151974, AI923989, AI440263, AI683568, AL138376, AI554821, AW020561, AA641818, AA761557, AW366372, AI653402, AA115869, AA748353, AW055075, AI432644, AI538298, AI089748, AI587000, AI590043, AL134830, AI682640, AI954080, AI691131, AI572396, AW087262, AI094749, AW162194, AI613038, AI557104, AI866469, AI539690, AW089439, AI475270, AW087445, AI625293, AA065052, AI289310, AI678857, AI445505, AI370965, AA282824, AI866457, AI872423, AL135012, AI591093, AI219380, AI250282, AI889728, AI567582, AI468959, AW151132, AI498716, AI538805, AI419826, AI921155, AI685798, AW075382, AI149977, AW195253, AL119748, AI915795, AW243886, AW130129, AI925736, AW168012, AI798114, AL121270, AA609644, AI440236, AW268122, AI680221, AI064830, AI473471, AI623389, AI283322, Y11254, AR050959, AC002464, X06146, AL137557, AJ238617, AF150103, D44497, AL031732, AI5345, AL133084, Y18678, A93914, AF126247, AF100752, AL133608, AL110171, AL117460, M85165, I03321, U49434, AL137539, AL137459, AF082526, E12888, AF145233, AF118094, AL133113, U92992, AC002287, AF017437, I33391, AL133637, AF069506, AL122101, AL133080, AL133053, AL122049, U70981, AF115392, X82434, AL117587, U67082, AL137284, AR034821, X15132, AF043642, AL137479, AF051325, I46765, S63521, AF004162, AF161413, AJ238093, AL122110,

1886	HDTAH72	877347	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1879 of SEQ ID NO:1886, b is an integer of 15 to 1893, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1886, and where b is greater than or equal to a + 14.</p>	<p>AF113699, AL137558, AL078630, U42766, AL133049, AL080074, AR066486, E12580, AL050149, U51123, AF146568, U53505, AR064250, Y10655, AL137526, AF159148, AF039202, AL049276, X63410, AB026995, I52013, U55017, X67688, U68387, AL133015, AF010191, S78453, AL050280</p> <p>AI268315, AI344319, AA531249, AI952869, AI492586, AA588629, AW044245, AI246254, M78525, AA621945, H97851, AW082375, R34105, AA376468, AA376668, AA376330, AA224458, R34106, AA166983, D58161, AI919577, C21057</p>
1887	HARAG42	877351	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 419 of SEQ ID NO:1887, b is an integer of 15 to 433, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1887, and where b is greater than or equal to a + 14.</p>	<p>AA534438, AA296922, AI732343, AA502919, AI732203, E13091, AR028526, AF048700, E13090</p>
1888	HCQDL20	877355	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 399 of</p>	<p>R10554, AA873089, AW007836, AA376913, AA702706, AI861809, AI052145, N74374, AI739300, AW055276, T40120, AA343939, T40984, J04813, AF209389, S53047, M14096, M18907, X12387, J04449, AF182273, D31921, M13785, X90579, L26985</p>

1889	HLQGF34	877356	SEQ ID NO:1888, b is an integer of 15 to 413, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1888, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 769 of SEQ ID NO:1889, b is an integer of 15 to 783, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1889, and where b is greater than or equal to a + 14.	AW007836, AA873089, AI052145, AA702706, AI739300, N74374, AW055276, T40984, R10554, T98255, N74426, AA376913, AA416822, T40120, AI861809, AI678780, AA343939, T98311, AA878869, AI761228, X90579, L26985, AF209389, J04813, S53047, X12387, M14096, M18907, J04449, D31921, AF182273, M13785
1890	HCDCF78	877358	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 385 of SEQ ID NO:1890, b is an integer of 15 to 399, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1890, and where b is greater than or equal to a + 14.	AI703276, AW188039, AA451771, AA316434, AI690259, AI681353, AA045904, T29610, AI627945, AW188125, AW188144, AA099043, AW237788, AI470110, AW170058, AI654577, N21480, AI678192, AI745496, AW292165, AA449964, AI167571, AI186510, AI392894, AI459190, AW196865, AI761196, AI199686, AA767664, AW373992, AI129612, AI272655, AI272824, AW051688, AI765956, AI220043, AA099044, AI681033, AI628056, D17400, M97655, D25234, L76259, M77850, U63380, U63381, U63382, U63383
1891	HMIBE59	877361	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3021 of	AL043108, AI912625, AI268389, AA541465, AA626702, AI814451, AA703936, AW137200, AI769406, AI814300, AA843784, AI677825, N90942, AL133947, AI122639, AI583230, AI956122, W58349, AA043151, AI911861, AI146802, AA433844, AA829527, AI829684, AA393149, AI248810,

			SEQ ID NO:1891, b is an integer of	<p>15 to 3035, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1891, and where b is greater than or equal to a + 14.</p> <p>AW148927, AI693209, AA313329, AI634356, AA165311, AW015279, AA435562, W48807, AA770568, N33995, AW337556, AI200909, W52177, AI925678, C75536, AA740996, AI056139, AA639344, AA062558, AA044616, AI270757, N51453, AI088578, W49807, AI302975, AA975134, AA176436, W58474, AI288721, AI090980, N36852, AW440100, AA708923, AW403227, AA746255, AA846487, AI075216, N56895, AA644436, W60313, W52178, W60262, N34473, R80598, N35139, AA063056, C75383, AW080740, N46123, AA468100, AA888852, AI339843, R80597, AA178883, N36227, R23907, AW272245, AI185045, AW204631, AI244465, AI347721, AA305934, AA158097, AW027841, R23998, N36871, AA262561, AA626808, AA040760, AI597694, H13872, R78677, AI127632, AA158096, R24938, N46141, AA165180, H94816, AA165152, T28111, H89174, T20158, AA857506, AA169476, AI523244, H97960, AA366030, AA885512, N32999, AA042803, AI291968, AW271335, AI928012, AI582354, AA905984, AI374631, AI391678, AA654121, AI470822, AI659820, AI435866, AA478972, AI672499, AA782245, AI683540, AI242454, AI963948, H83799, AA098811, AI970953, AA098979, W47019, N24550, AI656583, AA098926, AI811590, AI346328, AI702054, AA771762, AI926667, AI565050, AI669676, AW300195, AI078689, AI910690, AA991913, D20104, AA610706, AA329386, AW023680, H80964, AI824554, T70014, R23906, AI432060, F00987, AA677620, AA450363, H00588, AW179301, R45201, R82731, AI912968, AA100143, AI681692, AI015103, R78922, N89579, D31543, R23127, T39145, AA069266, R23125, H83940, AW404323, AA730321, AA091296, R23124, AA069494, AA808762, AI674511, T69942, AA319786, AI370594, AA370257, R23126, Z28753, T29433, T10467, AI420216, AI365551, AI597664, AI972622,</p>
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1892	HMKAK86	877363	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 362 of SEQ ID NO:1892, b is an integer of 15 to 376, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1892, and where b is greater than or equal to a + 14.</p>	<p>AA243213, T35681, C04078, C75653, T11331, T40433, AA169471, AA973669, W46200, AA836447, W23989, T18555, T11401, T39150, AA094342, AI824772, W17101, N91885, AA453560, T11352, T10404, N47782, AA091310, C00888, AA165310, T27528, AA248615, AI420657, R79019, T25720, AA809895, R31791, D45259, R63697, AA089814, AA863104, AI095737, T11400, AA523550, AA913502, AI218901, AI827982, A93912, M31470, A93910, D49727, D50264, D49726, D49725, AC003957, AL035361, R62747, AA853568, AA916254, AA969277, AA190594, T40630, AI920974, AI055924, AW081296, AW103255, AA037707, AI269490, AA181191, R22340, AA053866, AI923333, AA516448, AA344620, AA347824, H05424, H02246, R22341, T40694, AA344748, AW449318, AA737586, AI950008, AA037725, AA345669, AA302793, AA302797, AI355125, T39494, AW150691, AA902521, AI278972, AI270407, AB033054</p>
1893	H6EDF71	877370	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1290 of SEQ ID NO:1893, b is an integer of 15 to 1304, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1893, and where b is greater than or equal to a + 14.</p>	<p>AW190446, AI961479, AI923277, AI884400, AW129387, AI432621, AI701980, AI613026, AA418709, AI635480, W93648, AI491762, AI270167, AI280720, AA918056, AA938271, AA418701, AI338213, AI707674, AI476785, AA478755, AI082024, AA455447, AA834685, AI742309, AI857345, AW090377, AI708271, AI016116, AA588253, AI167998, AI445021, AA455448, AA663129, AI474588, AI208596, AW015585, AW015582, AI283110, AA773711, AA558268, W93910, D54259, W52496, AW195549, AA418855, AA937302, AA960793, AA976090, AW105521, N62182, AA009747, AI686709, AW178327, AI275229, T39172, AA471190,</p>

1894	HOELC15	877373	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2603 of SEQ ID NO:1894, b is an integer of 15 to 2617, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1894, and where b is greater than or equal to a + 14.</p>	AA777967, AW166867, AA535376, AI884496, AA953028, AA969906, AW276245, T40454, AI889115, AW137558, AA279095, AW393132, AA773707, AW393156, AI932456, AA648104, H16423, X69398, Z25521, AF017437, AB012693, Z25524, D87659 AI625476, AI379830, AW190863, AA861203, AI952079, AI921025, AI955634, AI587088, AI926590, AI572602, AW079778, AI818020, AI978757, AI963206, AI955860, AW190795, AI587161, AI924265, AW190680, AW192746, AW152121, AW337223, AI823711, AW190516, AI623641, AI674875, AI624269, AW192636, AI573153, AI620393, AI538927, AI683156, AI860782, AW074297, AI683833, AI685181, AI923388, AW173674, AI587424, AI627454, AI453249, AW131016, AI623652, AI984752, AI084796, AI802264, AI110775, AW074064, AI571619, AI097497, AI804583, AI697355, AI445032, AI570335, AI884376, AI587134, AI754165, AA910529, AI560022, AI813449, AI028123, AI333407, AI753639, AI432646, AI683000, AI818473, AI628183, AI913951, AI193030, AI587385, AI190931, AI571989, AI520669, AI198766, AW152597, AI587043, W94653, AI520755, AI868031, AI492736, AI190373, AI571651, AI971361, AI285408, AI250818, AI299640, AA599333, AW337268, AI922004, AI313475, AI191817, AA872416, AA921724, AI754230, AI962031, AI289514, N24418, AA622296, AW152146, AI753534, AI751083, AI074992, AI436436, AI559198, AA173912, AW337830, AA722578, AI304733, AI632052, AA854050, AI680348, AI751084, AI086679, W45594, AI610384, AI086711, AA716327, AW241380, N40742, AI076955, AI692374, AI754958, AI358461, AA904719, AI262790, AA947025, AI247519, AI280126,
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	AI830239, H96641, W76543, AI819930, N31417, AA313131, W74348, AI452827, AI288849, AI752417, AI302536, AI582458, AA598601, AA128732, C75417, AA909646, AI032902, AA075184, AA171822, AW022850, AW002778, N23836, AI817387, N24881, AI814964, AL048124, N25180, AI304602, AA669993, AI921652, AA595396, AW380756, AI302375, AI269579, AW339078, AI824720, AA775137, AI439371, AW239521, AA887673, N24118, AI362463, AA515311, H99628, AW337988, AI700215, AI815228, AW002735, N36048, N31008, W49555, AI050040, AI146896, AA687741, AA862753, AA884028, AA076641, AA470703, AI689178, AI436443, AI032308, AA174013, AA996198, AI249384, W44341, AA569689, W45649, AI968532, W44455, AA703635, AI862948, AW449712, AI579942, W04328, AA962252, AA158264, AI885948, N40273, AI142967, AW193168, AI926056, AL047210, W45595, AI269843, AA156332, AA128733, AI290452, AI383555, AW366953, AI862589, AA969736, AI570732, AI220458, AI335877, R00074, AW021966, W49554, AA157265, AA329010, AI018121, N36300, AI140345, AI090448, AI752028, AI131364, R66674, W84537, AA661834, AI446707, AI868207, AA642245, AA075185, AI906030, AW243595, R92565, AI476033, AW198023, W94614, AW059924, AI784436, AI932522, X64875, I09499, M31159, AR021228, M35878, M31837, M76478, AF085482, J05228, S56205, M33300, AR021226, X81581, AR060428, AR018791, AR018793, AJ223172, Y16351, I09493, A62298, A84916, AR018138, A62300, AJ132110, Y17188, D26022, AF058696, AR008278, AB028859, X67155, A25909, A82595, A67220, D89785, A78862, D34614, X82626, AR016808, A30438, D88547, I82448, Y12724, AR060385, X68127, U79457, AR025207, A94995, AB002449, AR008443, I50126, I50132, I50128,

1895	HAJBN08	877375	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 536 of SEQ ID NO:1895, b is an integer of 15 to 550, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1895, and where b is greater than or equal to a + 14.</p>	<p>I50133, AB012117, Y17187, I09494, A45456, AR066488, AR016514, AR060138, A26615, AR052274, AR008277, AR008281, A85396, AR066482, A44171, X64588, Y09669, A85477, A43192, A43190, AR038669, I19525, A86792, AF135125, AR066487, X93549, U46128, AR066490, I14842, D88507, AR016691, AR016690, AR054175, D50010, I18367, A63261, AL133015, AR008408, I79511, AR062872, A70867, AL080118, AR029580, D13509, A64136, A68321, AR060133, A08456, A31057, T47722, T47723, T55703, T91272, T78911, T78964, T95679, T96956, T97068, T98840, T99143, R00385, R21263, R21264, R31911, R31957, R62970, R63024, R63509, R63555, R78123, R79931, R80019, H03256, H04441, H27156, H47899, H47900, R92467, R98387, H78782, H79278, H79389, H85490, H96640, N20906, N30033, N31502, N74163, AA026408, AA040602, AA040685, AA079412, AA173557, AA190828, AA491953, AA492100, D78982, N85431, W26462, C00757, AA173722, C75590, AA600070, AA678220, AA732900, AA852262, AA852355, T23896, T23897, T23930, F05444, AI360546, AI473496</p>
1896	HFVHT62	877377	<p>Preferably excluded from the present invention are one or more</p>	<p>AA350728, AA316351, AA112015, AA216692, AW246040, AA693635, AW407512, N55660, AI362985, AJ002190, AF043937</p>
				<p>AI739135, AI066521, AW173105, AW261971, AL039012, AI954494, AA830348, AA284072,</p>

1897	HILEZ32	877378	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 843 of SEQ ID NO:1896, b is an integer of 15 to 857, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1896, and where b is greater than or equal to a + 14.</p>	AA789097, AI005313, AA777794, AI041134, AA856987, AI700317, AA769862, AA804528, AA831168, AA494334, AI143496, AI141222, AI372907, AA831166, N64843, N92087, AA769007, AI075136, AI076701, AA305065, AI076409, AA315766, AI273523, AA450169, AA314707, AA284166, AA158102, AI352491, AA257019, T96666, T28941, AA352693, AA627383, AA257103, AA464156, AI206700, T96781, AA158059, AA055005, AA757304, AA059834, AW340182, AA092745, AI678081, AW368066, L27711, U02681, I30245, L25876, AL049778
1898	HAPOR25	877380	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 765 of SEQ ID NO:1897, b is an integer of 15 to 779, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1897, and where b is greater than or equal to a + 14.</p>	AI739135, AW173105, AI066521, AW261971, AI954494, AA830348, AA789097, AA284072, AA804528, AI005313, AA777794, AI041134, AA856987, AI700317, AA831168, AA769862, AL039012, AA494334, AI143496, AI141222, AI372907, AA831166, AA769007, N64843, AI075136, AI076701, AI273523, AI076409, AA305065, AA450169, N92087, AA315766, AA158102, AI352491, AA314707, AA257019, T28941, T96666, AA627383, AA464156, AI206700, AA257103, AA284166, T96781, AA158059, AA352693, AA055005, AA757304, AW059834, AW340182, AI678081, AW368066, AA450104, AA092745, L27711, U02681, L25876, I30245, AL049778
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3296 of SEQ ID NO:1898, b is an integer of 15 to 3310, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	AW272420, AW242297, AA165082, AW263065, AI378393, N34290, AA488409, AI347346, AA701568, AI174216, AI668973, AI918787, AA948264, AA594684, AW299275, AI222510, AI243187, AW070414, AI076437, AA488545, AA470051, AW380452, AI164540, AI076271, AA657436, N75339, AI473793, AW025483, AA701579, N58947, AA577451, R77252, AA897628, T62571, AA102397, R77251, AA704389, AI697267, AA826647, W90783, AA632480, AI032244, AA583140, W01846, T31054, Z43387,

1899	HELBN30	877384	<p>NO:1898, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1170 of SEQ ID NO:1899, b is an integer of 15 to 1184, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1899, and where b is greater than or equal to a + 14.</p>	<p>AI824451, AI244271, H62456, AA916276, AI084430, T29815, T62961, AW444516, D25970, N48191, T63212, AA252955, AW419194, H61450, T63194, H17988, AA939180, AA535982, T35269, AA962328, R06301, AW304307, R68203, AW368013, AW364400, AW364354, AI264114, R68204, R06246, AW364364, AI262874, AW364338, R89888, N44181, AW384579, R89849, AI565221, AW050406, AW362424, AW384580, D12170, AW294181, T24830, AW337772, AW364399, N53338, W90688, AA253123, AA102379, H17987, AI344295, AW364396, X73882, Y15197, AL023284</p> <p>AA059485, AA278695, AA654731, AA278203, AI475552, AA001323, AA057712, AI628148, AI935011, AI479111, AI248082, W49737, AA009479, AW449837, AA447481, R06619, AA040474, AI925539, AI347058, AA740520, W86694, T29489, AA341731, N59177, AA632345, AA057395, AA836847, AI683333, AI805718, AA120879, H59542, AI379485, R25939, AW182401, T95573, AA281718, AI918021, N41576, AA262292, AI425046, R01630, T50780, AA993907, AW151322, AI911765, AA740339, AI186344, AI583330, W25428, AI193756, AA001910, N75914, AA921773, AW363532, AA693648, AI242044, AI753406, AA588342, M60618, AF056322, U36501</p>
1900	HHFMH12	877387	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3864 of SEQ ID NO:1900, b is an integer of 15 to 3878, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1900, and where b is greater than or equal to a + 14.</p>	<p>AI056627, AI750041, AI589918, AI971206, AI567485, AI870013, AI492558, AW082735, AW071873, AW068564, AI494149, AI431911, AA158252, AI422826, AI493768, AI363488, AI460100, AW104306, AA100840, AI755276, AA476207, AI992015, AW026405, AI190217, AI738539, AI439206, AA037160, AI361483, AA877117, AA425180, AI372673, D80801, AA678831, AI376927, AA160849, AI038534, N77542, AI418906, AI359937, AI084962, AI356122, W88956, AI499098, AA325211, N62261, N94717, AA043409, AA789304, AA355373, AI372674, H63354, AA313505, AA351821,</p>

1901	HBXAC19	877388	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 161 of SEQ ID NO:1901, b is an integer of 15 to 175, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1901, and where b is greater than or equal to a + 14.</p>	<p>AA349465, D80800, AI937868, AA102488, AW150270, AA349466, AW339965, AA330631, AA158399, AW083453, AA156068, AA350488, AA161281, AA654017, AW075493, AI094530, AI205125, AI686221, H41345, W89039, AA548969, AW338483, AI334361, AA102489, AI961671, AA351820, AI570099, AA367255, T98883, AI926390, AA631107, AA301787, AA143489, T18598, AA102418, AW189862, AA027021, AA376185, AA904590, D31580, AI590590, AW082999, AA702382, W88756, AL042199, AW134571, AI198157, AW009324, AI811883, AW003196, D29325, D29337, AI702386, AA043408, R45887, H50462, AI858384, AI624949</p>
1902	HWLNV37	877390	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1793 of SEQ ID NO:1902, b is an integer of 15 to 1807, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1902, and where b is greater</p>	<p>U57001, U66406, U62775, AF025288</p> <p>AI887998, AA452467, AI498141, AI468007, AW088566, AI143229, AI468019, AI924042, AI302076, AW130545, AW406571, AA552071, AI857610, AA148267, AA496087, AA148266, W37673, AA805118, AA894716, AA416636, AA729667, AA722262, N44792, AI436679, AI313409, AA846175, AA866080, AA126564, AI459662, AA569841, AA865000, AI313239, AA708711, AI184015, AI311722, AA626625, AW406853, AW189410, AW406861, AA406040, AA976761, AI186007, AA136156, AW193942, AI150739, W15643, AI365686,</p>

			than or equal to a + 14.	AI498762, AA855546, AI189894, AA740394, AA133324, AI129125, AW022772, AA4933572, AI202523, AA676968, AA329249, W05485, AI038788, AA716709, AI126228, N25485, AA830025, AA126339, AI358727, N56854, AA978006, AI719099, W37534, AA953629, AA663651, AI693987, AA076372, AW090432, N32431, AI362222, AA617762, AA782855, AI161045, C04906, AI356648, AI371415, AA136072, AW044060, AI937310, AA416713, AI500608, AA991563, AA126566, AA305695, AI358972, AI926596, AA384023, T40849, AA076501, AI991793, AA730185, AI698869, AI949134, AA687665, AA121023, AA988991, AA369523, AW275473, AA339483, AA300942, N35481, AI363884, AA369524, AA355468, AA845483, F29460, W52535, AI810861, AA582099, H19093, N80825, AA708946, AA384975, AA379550, AA373476, AA648147, AI818027, AA534415, N56694, AW083204, AA372060, AA496767, AW007697, AA748067, AI655704, AA987626, AA042892, M62297, AA043512, AA043513, AA384593, AA372059, AI086772, AI279119, AI635811, AA384973, AW002936, AA480294, AI276970, AA515682, AA043019, AA773750, AA169816, AL038644, AA133400, AW080380, AI434682, AA384974, AI300543, AA176343, AI278392, AA706110, AA678943, AA515683, N20394, AA375542, AR030958, AB014532, AC004922, S77329, U11861, AF058791, T39861, AI421422
1903	HWHQH17	877393	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2796 of SEQ ID NO:1903, b is an integer of 15 to 2810, where both a and b	AI346901, AI191444, AW001394, AL036955, AI660571, AI818120, AI018511, AI052368, AW027921, AW007170, AA603096, AW057755, AA485948, AI149233, AW081475, AI677997, AW410351, AW300638, AA488667, AW409854, AA402239, AA486496, AA486050, AW409878, AA486507, AW409856, AW194332, AA554501, AW084623, AW409835, AA617980, AI040998,

			correspond to the positions of nucleotide residues shown in SEQ ID NO:1903, and where b is greater than or equal to a + 14.	AI804511, AW410178, AI434575, AI589609, AA664262, AW409614, AA430234, AA479644, AA488187, AW305031, AA410912, AI313158, AA488684, AI355319, AA430559, AI190998, AA676466, AW409596, AA476902, AA878887, AA902228, AI687559, AI074371, T51288, AA459629, AW303926, AA599915, AA485902, AI126733, AI445068, AW409577, AA593873, AI016575, AA719627, AA488240, AA482604, AW303900, AA486198, AA430025, AA847289, AA188216, AW409876, AI246054, AA402700, AA421202, AA416583, AA847234, AA630648, AI802458, AA211469, AA190840, AW025006, AA035463, AA186363, AA992133, AA670258, AI469676, AA426620, AA179226, AW300817, AI161092, AI199582, AI339697, AA993589, AI083639, AW001456, AA758347, AA633544, AA987682, AA486304, AI889937, AI581339, W45576, AA701272, AI565866, AI347560, AI079926, AI146534, AA601655, AI459359, AA489322, AI247541, AI469729, AI074396, AW001571, AA579941, AI278644, AI459387, AA513381, AA477332, AI076715, AA976943, AA833630, AA149959, AI921791, AI280849, AI174208, AI066715, AI285157, AA194865, AA132930, AI673225, AI269574, H16257, AA588880, AA133075, AA188878, AA627878, AA025145, AI568930, AA196286, AI220665, AA723359, AA954162, AA489559, AA630299, AA135404, AA188819, AI362548, AA132630, AI095498, N78671, AI453521, AA804703, H05127, AA477015, AI802650, T71317, W20292, AA665815, AA186894, AI984554, AA488648, W72251, AI094464, AI810394, W03180, AA026596, AA112256, AA486030, H39838, AI074194, T68162, AA11856, AW247688, AA029620, AI091141, AI700362, H39837, AA724925, W69320, R76662, H95672, W37885,
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1904	HDFP36	877396	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 4025 of SEQ ID NO:1904, b is an integer of 15 to 4039, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1904, and where b is greater than or equal to a + 14.</p>	AA852208, AA852209, T10360, T10361, T58496, F03496, AA694056, AI269768, AI560475, AI139867, AI150406, AI659249 AW242873, AI638226, AW014789, AI928114, AI478983, AI075890, AW242842, AI675131, AW014540, AW372249, AA630413, AI313145, AI653172, AA134046, N32561, AI752719, AI653034, AA489839, AA551242, AA480899, N53472, AI092888, AI479478, AA210774, W00846, AI761985, AI276657, AW151703, AI830594, AI589236, N41905, AI753040, AI335745, AA489659, AI027334, W46149, W57952, W58099, AA846532, W58085, AI423910, AI126500, W00854, AA923540, AA669903, W73619, AI620667, AA312838, AI041901, AA126268, AI357683, W58035, W73667, AA232572, AW002525, W03762, N98674, H06349, AA700807, AA134045, AA283647, AI752720, AI693833, AA064885, AI093714, AI033028, AI167615, AA902590, W46161, N23622, AA704812, AA910235, AA126386, AA480960, R40680, AI032472, N41728, AI675041, AI590268, R80530, AI344793, R80419, AA480245, AA991447, R86064, H06293, AI318610, AA064808, AA810121, AA283646, H98584, N23621, AA811695, H09433, AI241317, AI470594, R40250, AW181920, AA374575, H09084, T90456, AA569988, H84159, H84160, AI700949, H89683, N66151, R14352, AA373949, R14299, AI538863, AA644291, N89241, R91989, N68235, AA810813, AI084359, N72476, AI547027, AA232625, H89759, AA564759, AW382356, AW371061, R57492, AA249229, H97526, D50917 AW004054, AI135021, AW173336, AA846316, AI208817, AA861115, AW377287, AI884576, AA403122, AW377237, AA449008, N22548, AI612907, AI697252, AI337225, AA488782, AA166884, AA114179, AA824590, AA723330, AA488998, AA534667, AI335733, AA922029, AA846011.
1905	HCFMY07	877406	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3975 of</p>	

1906	HSYBP46	877408	<p>SEQ ID NO:1905, b is an integer of 15 to 3989, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1905, and where b is greater than or equal to a + 14.</p>	<p>AA732053, AA807156, N31650, D61907, AA604009, AL121217, C75317, AI183839, AA285257, AI631612, AI701860, AI872948, AA724511, AA593781, AI955474, AA490358, AA348286, AW014127, AA034503, AW382984, AA114216, AA714035, N44341, AA083061, AA401848, D82796, AA813448, AI707514, AW242769, AI695226, AA039307, D82808, T57805, AI865947, AA490260, D79331, H45236, AA312976, AI904624, R62919, D59331, H67517, R62920, T96420, R21224, D62945, AI648439, AW383006, AA789111, R63601, D62711, AA336494, AA340489, T39404, AA247910, N67607, T82367, AW070205, T27263, AI625255, H68430, AI824522, D82698, R21223, AI401720, N59296, AA249438, AI217233, D82710, D59332, AA565565, AA450364, R95490, AA490906, C01268, AW363022, AA913585, AA491092, E13124, U42424, U58512, U61266</p>
1906	HSYBP46	877408	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2615 of SEQ ID NO:1906, b is an integer of 15 to 2629, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1906, and where b is greater than or equal to a + 14.</p>	<p>AI963125, AI609225, AI884581, AW069271, AI953978, AI567519, AA703985, AI858101, AI281477, AA878466, AW084603, AA004204, AI755045, AI753615, AI122291, AW150834, AL038513, AA706823, AI814914, AA127736, N32519, AA706805, AI564735, AI670785, AI754803, AI888126, AI654845, AA452231, AW385337, AI160667, AI755281, AI122842, AI127349, AW088731, AI083555, AA609330, AA058930, AA486379, AW021109, W93848, AA115524, AI090089, AI570898, AI262822, AA903134, AI697486, AI088658, AA121511, AI580763, AL038512, AW439391, AI341677, W52306, AA010309, AW069115, AI127946, AI692736, AA600038, AW068714, AI354707, AI589319, AI371826, AW008422, AI754320, AI346302, AA723122, AA010310, AA599273, AA137194, AA599504, AW069432, AW088383, AI751005, AA725207, AW385359, AI304554, AI457114, AW191921, AW020206,</p>

	AW372817, AI446310, AW074603, AI075140, AW291469, AI214470, N89578, AW069514, AW385351, AI753788, AW372828, AI752198, AI052797, AA099729, N42734, W02000, AW372820, AI160542, AI095555, AI754231, AA070970, AW302579, AA114947, AI357733, AW386363, AI864906, AW340511, AI268892, AW393341, AA505831, AW073493, AI750527, AA305175, AI200515, AI342335, AI751983, AI417127, AA993150, R77205, AA137193, AI935300, AW393329, AI560062, AI077562, N75508, W93869, AI127162, AI582477, AA573183, AA857098, AA442665, AW385366, AW068212, AW393339, AW393324, W87515, AI751004, AI039775, R95826, AA040410, N68613, AI752199, AA150616, AI919268, AW372823, W87487, AW393333, AW088208, N43019, R95777, W30698, AW393343, AI671130, AI094561, R69515, AA330038, AA705256, AA096062, AW393334, W24174, AW393342, AA334999, AA974667, N99050, AW068455, AI147454, H87987, W05395, AI865506, D62061, AA578679, AA329445, AW372121, AW393330, H59312, AA122386, D62992, AA449381, AA330407, AI589497, AA142904, H45011, AI382841, AW385329, AI688861, R86097, H13571, H44959, AI932553, R09536, AA332101, H03527, AW393338, AW235794, T27809, H03445, T49493, AW444479, AA115948, AA853107, AA099728, AA853780, AA194797, AI263967, T31631, AA333851, AA330396, AA342316, AI569315, AA332661, AA852331, AA092962, AI750253, R27794, AA346374, AA332339, AW196741, AI537624, AA040329, AA328122, AA233015, N63241, W57799, AA344504, AA232701, AA092106, H39522, C02028, AA386156, T29615, AA334576, AA304992, AA194648, R09649, R07913, T49492, T31628, AI751984, AA328379, AA334087, T31612, R07858, AA332886, AA329886, AA449254, C00044, AA348035, AA328980, AA361011,

	AA331327, M11718, Y14690, X04758, L02918, AJ224880, M10956, J03051, Y11587, AL050138, AL049466, AF115392, U77594, A65341, AL110296, AF090903, D83032, AF106862, AL133062, AF047716, U49434, E02349, AL137550, AF137367, AF078844, AL117463, AL133014, I89947, X80340, S77771, Z97214, AR038854, S78453, AB025103, AF044323, U78525, AF113019, AL080159, AJ242859, AL050024, E03348, AF100931, E03349, A18777, S36676, AL049382, AL137558, S83440, AL133619, AL110280, E15582, AL137463, I48978, E04233, AL080154, A08913, AL050116, AL137555, AL137480, AJ005690, AL137476, A08907, A08912, AL137256, A08910, S78214, AF067790, I89931, A08909, X99257, AF061981, D16301, AL117435, I49625, AF016628, X82434, A08908, U53505, AL133624, AL080150, S76508, AL080163, AL080124, Z13966, I89934, AL050277, AL050170, E02152, AF169154, AL133640, AL050172, AB007812, U35846, AL133565, A08911, AC002467, AL133665, X79812, I03321, E06743, AL133075, AL049452, AF113699, E01614, E13364, X70685, AF017437, U67958, AL122106, U58996, AL117585, AL023657, AF199027, AL137548, AL133113, AL133568, AF113689, AL117587, AF176651, AL137574, AF058921, I09499, AL117440, U91329, AL050092, AL133010, AR034821, E02221, A03736, AL137292, I68732, X53587, A08916, AL137526, AL133054, AF145233, X66871, X87582, AL137530, AF200464, AL117578, AF199509, AF185576, AL117629, S69510, AF055917, AF159615, AL18788, AF162270, A15345, I79595, AF002985, AF126247, AL049300, A65340, U92068, AL133558, AL137459, AF106697, AL133557, E01314, T63108, R27886, H13204, H88165, H88165, N64280, N76100, AA461456, AA594297, N87869, AA091436, AA095583, AI086998, T03859, T24745, AI128830, AI537635

1907	HCRQK59	877411	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1537 of SEQ ID NO:1907, b is an integer of 15 to 1551, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1907, and where b is greater than or equal to a + 14.</p>	<p>AI394016, AI337333, AW008484, AI492226, AA503225, AI832480, AA551754, AW263863, AA782573, AA469071, AI700423, AI380990, AI631409, W95477, AI651800, AA804581, AW016198, AI567909, W05729, AW338263, AA488420, AW134932, AW149688, AI424300, AI569012, AA348345, W95367, N74885, Z20694, AI569356, AW083000, AA745423, AW193135, T24482, AI355870, R65920, AW054656, A75401</p>
1908	HWLXK44	877437	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 454 of SEQ ID NO:1908, b is an integer of 15 to 468, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1908, and where b is greater than or equal to a + 14.</p>	<p>H53943, R09272, W52643, AW001226, AI827422, AI086839, AI752330, AI752329, H53944, AL136295, U94831</p>
1909	HE8DZ94	877630	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1785 of SEQ ID NO:1909, b is an integer of 15 to 1799, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1909, and where b is greater than or equal to a + 14.</p>	<p>AI684587, AA610052, AI189791, AI186697, AI751250, AI310126, AI188971, AA906201, AA019739, AW264561, AW009062, AI361312, AA887119, AA971980, AI580662, AA088862, AI261311, AA575958, AA018414, AI268976, AA904689, AI784506, AI654089, AA838000, AI800634, AA018103, AA833673, AA809439, AA970480, AI419770, AW189948, AI806808, N40196, AA886637, H38658, AA059058, AA809455, AA532665, AI538082, AA887381, T50287, AI083552, T47520, AA054140, H86494, AA469072, AI933491, AA935534, AA634291, N58823, AI799084, H86061, R24685,</p>

1910	HTELO87	877881	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1253 of SEQ ID NO:1910, b is an integer of 15 to 1267, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1910, and where b is greater than or equal to a + 14.</p>	<p>C21487, AW440198, AA482137, AI971218, H66403, AA570041, AA555150, AA494063, H78365, AA935511, AI807280, Z21231, AA019783, H78462, AA632718, AI338489, Z19788, W01156, AA016261, N28787, AF151877, AF113127, AL117550, AF161526, A74434</p> <p>AA115605, AI589156, AA115471, AI359615, AA115213, AI817096, N50090, AW118065, AI024233, AA423826, AA610042, AI672797, AA307285, AI800760, AA989046, AA975271, W60559, AA463414, AW162429, N50523, AA034218, AA805237, AA115129, AA721969, AA496544, N52970, AA419084, AA708005, AI741973, AI204382, AA476516, R70914, R70913, AA043558, AA320866, AA476416, AA033534, AA781036, AI627278, AA903019, AA347354, AA035548, D25909, AA043557, AI419107, AI080319, H97516, C21455, N50579, AW299563, AA310893, AA307286, AI761872, AA035038, AA905739, AA746181, AI521292, AI554821, AI433157, AI889189, AI866469, AI815232, AW086285, AI927233, AI366900, AI539707, AI355779, AI590043, AI440239, AI537677, AI494201, AI500659, AI539800, AI866465, AI801325, AI500523, AI538850, AI702065, AI582932, AI923989, AI872423, AI284517, AI500706, AI491776, AI445237, AW151138, AI521560, AI500662, AW172723, AI284509, AI440263, AI538885, AI889168, AI866573, AI828574, AI633493, AI434256, AI434242, AI805769, AI888661, AI648454, AI284513, AI888118, AI859991, AI436429, AI887775, AI889147, AI581033, AI371228, AI567702, AI440252, AI866786, AI610557, AI860003, AI242736, AI887499, AI539781, AI500714, AI559957, AI491710, AI521571, AI582912, AI623736, AW089557, AW151974, AW151979, AI612913, AI885949, AI371265, AL045500, AI469775,</p>
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1911	HWLQL72	878199	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 540 of SEQ ID NO:1911, b is an integer of 15 to 554, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1911, and where b is greater than or equal to a + 14.</p>	<p>AL039390, AI567953, AI446495, AI863014, AI671642, AI890907, AI866581, AI889148, AI285439, AI431307, AI539771, AI804505, AI554827, AI866461, AI815150, AI273179, AI371251, AI866510, AI285419, AI923046, AL047422, AW151136, AI866691, AI924051, AA715307, AI432644, AA809974, AI828583, AI569439, AI872315, AI624545, AL042365, AA641818, AI648567, AL049776, Z99943, U50823, L13297, U01145, Y17793, AL122110, U00763, AF097996, AL133080, AL133607, AL122049, AF113694, AL133053, U31501, AL133049, AF093119, X62840, AL133655, AL050116, I17767, AL133015, AL133608, AL133072, AL137267, U30290, AL122101, EI3998, AF002985, AL133081, AL133077, AL137283, A30543, I19505, U96138, AL122103, E07361, S71381, E12888, AL133084, AL133070, AF132676, AL049423, AF061836, M30514, Y07915, AR034821, AR034830, I96214</p>
1912	HBJUL05	878207	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 540 of SEQ ID NO:1911, b is an integer of 15 to 554, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1911, and where b is greater than or equal to a + 14.</p>	<p>W95797, AI815614, AA159571, AA001628, N47368, AI143890, AA485201, H27837, AA385921, T96878, AA382884, AA384878, W95754, H18148</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 540 of SEQ ID NO:1911, b is an integer of 15 to 554, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1911, and where b is greater than or equal to a + 14.</p>	<p>AI802901, AI889514, AA464368, AW026514, AI278645, AA315349, AA777364, AI741517, AW139143, N93194, AA632076, AA700910, AA456473, AI889524, AI160031, AA464386, AA464702, AI089651, AI057409, AI271327, AI921322,</p>

			<p>is any integer between 1 to 1704 of SEQ ID NO:1912, b is an integer of 15 to 1718, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1912, and where b is greater than or equal to a + 14.</p>	AA417376, AI689262, AA081418, AI611368, R83304, N99927, AW272715, AI281824, AA680361, AI278647, AW022859, AW268970, AI273221, AW264836, AW022729, AI184566, AA416981, AW020287, R52791, AI247775, AI924151, AI669435, AI093813, AI206016, AA88936, AW027977, AI269409, AW027941, AW250197, AI334129, AI474405, N34475, AA351606, AA435915, AI270365, AW022849, AA650241, AA629813, AA594133, AI358262, AA972239, N63595, AI538989, AI075918, AI431608, AI094322, AI868462, AA454579, AW379850, AW005549, AI088724, AI240714, AI421046, AI493454, H81794, AI348002, AI935462, AI702637, AA730245, AI982825, T06003, AI338374, AA173157, AI767408, AA417194, AA493371, AI688358, AW167434, AI688521, AI961941, AW269290, AA351839, AA024843, AA319841, AA675922, N57835, AA464275, AA491623, AI263242, AA812261, AI566133, AA527515, AA478734, AI700650, AA527428, AI393134, AI359837, AI591187, AA352936, AA364692, AW167540, F09704, AI432014, AI241621, AI768245, AA380399, AI739437, R95684, AI248967, T66281, AA516011, AI919046, T98208, AA582002, AA747622, AI523723, AI348587, AI904291, R83399, AI784373, H29486, R94431, AA256650, N42879, AI032060, AI887086, AA235236, T98967, AI056747, AA306667, AA768239, W38780, T98209, AA642247, AI554380, AW302197, AI816825, AI766194, AW207784, AW376043, C02058, AI033452, AC000378, AB019038, Z66003, Z66002, Z65575
1913	HE2HC14	878238	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1961 of</p>	AI127452, AW351965, AW351958, AW178075, AW351966, AW351967, AW351961, AW177978, AI659805, AW351960, AA772145, AI336994, AW178080, AI332356, AW340996, AW177836, AW178082, AW178086, AI703194, AW178079, AW177841, AA102622, AW136469, AI476336,

<p>SEQ ID NO:1913, b is an integer of 15 to 1975, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1913, and where b is greater than or equal to a + 14.</p>	<p>AI636042, AW375181, AW365198, AI813938, AI769135, AI074596, AA418593, AW178083, AI498407, AI54773, AW351962, AW177876, AI366827, AW178077, AW020441, AA806382, AW178182, AW178076, AW178081, AW177879, AW365184, AW366023, AW365168, AW375184, AA418655, AW177839, AW178084, AI468009, AI433820, AI592309, AW082896, AI927777, AW365192, AW387262, AI143953, AW365194, AA421501, AI271676, AA425855, AA854439, AW082902, AW177842, AW128928, AI392856, AW365398, AA421470, AW365185, AA535678, AI400413, AW365353, AW387278, AA680114, AI076707, AI285336, AW365392, AI581008, AW375185, AA938196, AI801859, AW089786, AI382040, AW365381, AW365201, AW375183, AI243492, AA973630, AL120271, AA649053, AW365405, AI698558, AA934487, AW366025, R98908, AI473267, H70023, AA976681, AW365408, AA806629, AW375120, AI536915, AW178078, AW365180, AW365183, AW003830, AW178085, AA400106, AA532939, H59432, AA719249, W85961, AW387263, H58724, AI301165, AW294007, AA463549, AA527345, AW262369, AI830518, AA832369, AI383837, AI216813, AA280430, AW177877, AW365189, AW177079, AI288375, AW375133, AA515868, AW375160, AW243710, AW375442, R98681, AA932395, AW169226, AA188895, AI335817, AW365411, AW365146, AW365417, AW382189, AW365202, AW382124, W24191, AI635752, AI868465, AA280348, AW365182, R97677, AW365412, H56644, W72745, AW177846, AW365404, AW365402, AW365359, AA424055, AW177974, AW365164, N91771, AW365193, AW351813, W85877, D20462, AW365388, AW375179, AW375130, R84876, AW365362, C01884, AW351560, AW375422, AW365364, AW366058, AA936703, AC008040</p>
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1914	HDTHI51	878274	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 494 of SEQ ID NO:1914, b is an integer of 15 to 508, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1914, and where b is greater than or equal to a + 14.</p>	<p>U18012, AA045933, AA128223, N72395, AA058726, AI834324, N86927, AA356189, AW351942, AA349355, W04179, AF203978, U34879, U43607, U43548</p>
1915	HRGDE77	878374	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2871 of SEQ ID NO:1915, b is an integer of 15 to 2885, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1915, and where b is greater than or equal to a + 14.</p>	<p>AL041566, AA477266, AI656936, AI951716, AI096374, AA477267, AI927648, AA292231, AA479878, AA922034, AI718425, AW340634, AA699300, AA443588, AI141913, AI150393, AI262030, AA824471, AA399440, AA427523, AA812642, AA293470, AA723836, AA994091, AA575922, W76034, AI985377, H49237, AW016407, AA143496, AI660111, R20962, AA873844, AA143497, R06788, AA808474, T79352, Z45236, F04128, R01824, AA503842, AI361214, T79783, AI918933, T39691, W72847, AW079858, AA987751, R00061, AA430714, AI424488, F08632, AA293015, H49238, F01790, AI873138, AW235170, AA693978, AW407497, AA548157, R06739, AA343968, AA227223, AA421387, AW082809, AI867963, R01094, AI823640, R42744, AW050670, AA226870, AB033010, AL137675</p>
1916	HHFHR53	878403	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2994 of SEQ ID NO:1916, b is an integer of 15 to 3008, where both a and b</p>	<p>AL048840, AI064902, AW249691, AI872413, AW243294, AL138300, AI590076, AA100757, AW004004, AI923006, AA587051, AA279533, AW183520, AI419833, AW292319, AA214039, AI078293, AI082751, AI015661, AW167064, AA427783, AW117731, AW169146, AA070150, AW088356, AI336423, AI803586, AA100821, AL048839, AW105007, AA332665, AW021472, W93478,</p>

1917	HTPAY82	878433	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1916, and where b is greater than or equal to a + 14.</p>	AA2111303, R51407, AA040271, AI128507, AI824743, AI520729, AA279532, N62195, AA770032, AI991817, W67473, AA309583, AW392599, AA976795, R14643, AA976594, AI216760, AA442972, R53567, AA369897, AI364305, T56013, AW021133, AA016204, R53679, AA620855, H73568, AI521207, AA554353, AA209214, AA369896, AI832743, AA609475, AI536106, W67474, AI672267, AA563648, AI824485, AI561042, AA040252, AI383108, AA579428, AA305720, T91394, T04986, R45624, T86544, R29736, C00010, T29665, T05066, AA887773, AI985106, T85482, AW243484, N76492, AA720874, AA573214, AI125103, AW021569, AA305679, L25798, X66435, AL079334, AL050004, L00334, L00330
1917	HTPAY82	878433	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 544 of SEQ ID NO:1917, b is an integer of 15 to 558, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1917, and where b is greater than or equal to a + 14.</p>	AI078580, AI743235, AA429945, W93646, AA455042, AI128804, AI826623, AA516431, AI989747, AW183193, AI141284, AI989739, AA702011, AA911088, AA989129, AA876539, AA477156, AA305052, W19506, N89912, AI265924, AA644621, W38899, W52820, AI633679, AA987264, AI263261, AI371387, AI349474, AA805723, T90569, N95062, W93906, AI198595, AA946978, AI419292, AI198127, AA778301, AI631831, AI352478, AI693357, AA927461, T97984, AA341602, AA035640, AA356704, AA338760, AA295467, AI933253, AA374253, AL044098, AI206661, AA780176, R02479, AI123118, AA338761, AA234074, T98061, T83106, AI193255, AA479657, AF104628, AI220255, AI857454, AF096895, AF057306, AF135380, AF135381, AF145216, AW084650, AA088424, AI697069, AA172042, AA838417, AA172044, AI744623, AI627227, AI630224, AA993207, AI371167, AI949142, AI890821, AA609797, AI018761, AW372890, AI814927, AA625264, AI954856, AA993191, AA614086, H05584, AI961696, R39132, AI632376, AI143462, AW136636, AA722935, AA172197, D20763,
1918	HMUBQ39	878436	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1805 of SEQ ID NO:1918, b is an integer of</p>	

			15 to 1819, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1918, and where b is greater than or equal to a + 14.	AA701379, F06989, AA148617, AW044004, R21296, R44866, AA191290, AA172201, AI970448, AW361154, AI627401, N42449, AI224491, AA635934, R14008, H05119, R18980, T26664, T16725, F07496, T59139, AA372447, AA092086, F31653, Z40099, AW271655, AA993655, R32993, R46141, AI472512, T59062, T26665, Z40560, R32717, AA148756, AA374317, AA585413, AA064920, AI917682, AA625242, R32994, AW362703, AW372891, AW386147, R25109, R25628, R63578, AA828475, R31750, AI468622, AI491710, AI540458, AI814841, AI570152, AW079699, AI499285, AA836253, R40363, AI688854, AI696714, AI954475, AI689096, H03560, AI368579, AI357049, AI560184, AI469505, AI687295, AA767252, AI890654, AI280732, AW083750, AI445877, AA923096, AI341690, AI888575, AI697178, AI765469, AW075921, R30844, AI702494, AI359787, AI417754, AW104141, AI867017, AA742592, AI688959, AA741502, AA765659, AW193231, AI633330, AI679261, AI498288, AI890995, AW235487, AI749231, AA761557, AI589140, AI590785, AI623980, AI590755, AC005216, U56252, AF102578, AF038847, U67810, A85213, AB015752, AF047716, AL137490, AC006314, Z73979, AP000299, AF039907, AL049552
1919	HCEYN60	878560	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 563 of SEQ ID NO:1919, b is an integer of 15 to 577, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1919, and where b is greater	AI828920, AI866163, AI581670, AF108139, AF015770, U94350, T46897, R40801, R49803, R49845, R40801, R78750, R79059, R81613, H13785, H13786, H26105, H49579, H49658, H61321, H61596, H62359, N23682, AA002170, AA039225, AA045879, AA045878, AA053472, AA083358, AA146754, AA171927, AA173260, AA181967, AA186968, AA215430, AA215576, AA494375, AA554350, AA565187, AA582635, AA594327, AA612625, AA878313, AA886926, AA887637, AA908475, AA939096, AI051140, AI083860, AA641276,

1920	HWHGF46	878800	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 2101 of SEQ ID NO:1920, b is an integer of 15 to 2115, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1920, and where b is greater than or equal to $a + 14$.</p>	AA205608, AA284538, AA411196, AA410243, AA411096, AA436335, AA478263, AA478319, AA609270, AA628990, Z19827, AA719345, AA769770, AA776741, AI018379, D19640, AI305530, AI307824, AI344950, AI349732, AI363496, AI368551, AI434470, AI561271, AI498585, AI423077, AI147393, AI167340, AI224833, AI174303, AI187983, AI659839 AA814195, AI457718, AI085388, AI765650, AA633558, AI379449, AI476182, AI419034, AI037888, AI148797, AA028963, AW009541, AW051402, W67841, AA687642, AA934498, AI079438, W67782, AA035136, AI016426, AI304821, AA085457, AI088210, AA098932, AI685969, W39585, AI685970, AI038819, AI219571, AI580447, AA485877, AA487780, W42434, AA594455, AI865081, AI085147, AI202241, AA632996, AA035135, D45612, AA991990, AC006261, AL031985, AL021154, AC006449, AL008718, Z95329, AC004950, AC002349, AL031846, AF146367 AL045860, N58437, AI525782, AI688578, AA007479, AA310929, AA906018, N41678, AW084721, N59420, AA007400, AA234496, AI810048, AI394367, AW273848, AI400139, AI659487, AI168584, AW247506, AW245091, AA232997, AW148684, AA235036, AW242278, AA236538, AA206161, N78027, AA630558, AI128065, N76782, AW297277, AA497021, AA877580, AA931472, AA351722, AA232945, AI208004, AA885392, N71533, H09450, AA554688, AA983994, AI221004, AA235204, H54147, AA460203, AA985683, AI681824, N22166, AA889639, AA668373, H81138, AA678603, R97728, AW291709, AI346634, AA337087, T56721, C14300, AA310347, AA359522, AI032752, AA705700, R68352, R10225, C14263, T40018, H81043, T56722, C14304, R68562, AI369399, R96796, AA333514, AA459932, H57429,
1921	HPMSF50	878909	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 3939 of SEQ ID NO:1921, b is an integer of 15 to 3953, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1921, and where b is greater than or equal to $a + 14$.</p>	

1922	HTWEA61	878917	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1978 of SEQ ID NO:1922, b is an integer of 15 to 1992, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1922, and where b is greater than or equal to a + 14.</p>	<p>AI758833, AA836349, C14291, AA902529, C14302, C14277, D59495, R10732, N93792, AI032107, AA665646, R12861, AA384438, AA682859, AI904934, AI904935, D80004</p> <p>AI826538, AI267318, AI688542, AI052104, AI376453, AI818589, AW029328, AI678648, AW192514, AI566340, AI972077, AI811155, AI936746, AI089502, AI372947, AI004230, AI354532, AI119666, AI084362, AI027083, AI691080, AA621070, AI744332, AI149953, AI149949, AI150745, AI199180, AI625208, AI003733, W20002, AW074007, AI627187, AW242075, AW130451, AI014764, AI091649, AA041468, W55944, AI445868, AW151070, AI005484, AI092273, AA040575, AI689545, AI524423, AI521587, AA908191, AI689268, AI270577, AI372494, AI619883, AI538583, AW263138, AA040673, AI368864, AW316596, AI539834, AI952557, AA721376, R19495, AA662403, AW085967, T75472, AA808860, N78681, N32970, AA176087, AI125767, AA740389, AI074758, AA300365, AW090571, AA894651, AI372493, AI680268, AI547225, F13229, AA383093, AA814692, AA386145, AA970611, AA302328, AI536066, D31244, Z44196, H20558, T48533, AI350433, AW243606, AI784415, AA063203, D82747, W26208, AA471277, AA903068, AI680414, AL038664, AA664940, AA897635, AI535982, D31438, AI419708, AW275741, AA386197, R62151, AI051237, R62259, W28043, R39290, AI250661, F10830, AI695489, AA343846, R43842, AA334321, AA093703, D56184, AA845417, AA332748, Z40172, D80027, R38429, AI524545, AA095572, W15187, T28780, T27330, F24108, AI611841, AA176086, AW375368, AI521566, AA323934, AW163010, AW292131, AW021288, AA329440, D81428, AA344329, AA039822, AW375337, AW270647, AW149580, F35697, AA148318,</p>
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1923	HILBF77	878931	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 711 of SEQ ID NO:1923, b is an integer of 15 to 725, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1923, and where b is greater than or equal to a + 14.</p>	<p>AA862706, AI802643, AA848160, AI026832, AI523217, AA342697, AI241878, H60591, AI709179, T25879, R12857, AA970902, AA719848, N63253, T69962, T79010, AI676163, T69912, T16724, AA093662, T24661, H20652, AW270806, AA337850, AA349447, AA595861, AA373966, AA355685, N84238, AA199620, AA090164, AI557186, D31885, AE000658, U85195, AF223953, AF172088</p> <p>AW242021, AA352298, AA330358, Z78381, C01470, AL049923</p>
1924	HTEHX05	879009	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2213 of SEQ ID NO:1924, b is an integer of 15 to 2227, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1924, and where b is greater than or equal to a + 14.</p>	<p>AI872206, AI912340, AI758821, AW337178, AW004890, AI572080, AW058001, AA775261, AA831357, AW074361, AI361820, D20022, AI982775, AA581345, AI690445, AI917776, AA825538, AI360561, AW439592, AI798286, AI140796, AI277190, AA100279, AA485257, AA835492, AI522238, AI015234, AI689240, AI469550, AA706811, AI744762, AW265061, AI884872, AW450726, AA122332, T34498, AI811224, AI355770, AI702026, AI471817, AA092467, AI597962, AI624976, AI681670, AA089786, AA654171, AF035606, U58773</p>
1925	HPHAA47	879234	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AI540230, AI453545, AI697681, AW170551, AI346427, AI819403, AI857677, AI348016, AW131500, AI419533, AW027758, AW016071, AI089921, AI347957, AA612573, AI601101,</p>

1926	HHFJJ61	879386	<p>the general formula of a-b, where a is any integer between 1 to 3897 of SEQ ID NO:1925, b is an integer of 15 to 3911, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1925, and where b is greater than or equal to a + 14.</p>	<p>AI088798, AI123932, AI348513, AA916423, AI346237, AI697840, AI346773, AI827270, AI763317, AI763320, AA609447, AA024428, AA948406, AW149724, AI435604, AA946618, AI950301, AW149541, R36320, AI923233, AI860454, AI814488, AA232203, H43798, AW374530, F11803, F06514, AW131707, AI285224, AA457235, R88044, AW013905, H23601, N51357, AA568172, Z43390, AA758706, AI927091, Z39461, AA936791, H23640, H43806, AA364902, AI802791, AA864755, T33777, F02788, H42258, F09452, AA583801, T65604, R43369, T65538, H40427, AA336254, W94547, AA416590, R44402, N56604, AW004746, R19614, AA580399, W78003, AA463368, AW293983, AW374487, AA513346, N29649, AA837760, AA024429, AI695172, R17652, AW448962, AA232743, AA973192, AA652557, AA463872, AA327631, AA470625, R49252, AA773793, AA351733, W79462, AA757309, X85664, AA480653, R65673, AA719939, X85665, AI972788, AI972806, AA933622, AA916725, AW006745, AL137343</p>
1927	H2CAA49	879484	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1027 of SEQ ID NO:1926, b is an integer of 15 to 1041, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1926, and where b is greater than or equal to a + 14.</p>	<p>R93802, AA130402, H07960, AW250644, H85944, R85969, AA095215, AA036855, AA215398, AA308813, AW250378, AA324032, AF161516, AF152097</p>
1927	H2CAA49	879484	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AI279876, AI539769, AA876127, AI963800, AA206425, AI969470, AI951966, AA459503, AA778294, AA639198, AA446426, AI334209, AI150191, AI281280, AW149760, AA446118,</p>

		<p>the general formula of a-b, where a is any integer between 1 to 2296 of SEQ ID NO:1927, b is an integer of 15 to 2310, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1927, and where b is greater than or equal to a + 14.</p>	<p>AA459274, AA236997, AI587101, AA946837, AI222323, AI198839, AA568602, AA777025, AW376909, AI127770, AI139373, AI753243, AA789258, N95643, AI754062, AA236574, AI140786, C75603, AA075484, AA251521, AA587266, AW439362, AI121103, AA213367, AA837311, AI187231, AA227539, AI344110, H67810, W95535, AI400951, T65536, AA872668, AI192986, C17463, AI859211, AA470471, T17222, AW192135, AA075621, AA506763, AW139044, AI913866, AA192466, AA165156, AI826398, AA678954, AI271344, AA113939, C05669, AA137249, H17790, F11801, AA164768, C75565, R89384, T16445, T69722, N66040, C18698, H59003, AA503343, AA339152, AI025443, D81644, R78076, H58956, D60375, F06655, H58600, AA514607, H02142, AA164700, AA055768, AA306967, T70379, AI568159, C21496, W95420, H68082, AI572235, AA382754, AA989472, T35523, H02038, T65602, AA236620, AW363691, AA142866, R01641, F09450, AA524392, T85647, Z39669, H17791, H58601, AA382619, T84903, AW303874, AA365866, T97378, AA165228, AA838767, AA165229, R42323, AI025112, AW029182, AA865982, T91320, C00668, T99684, T82109, T39127, AA471242, R16395, T67084, Z21083, T39128, R42337, AW390645, R01549, H77482, R16380, AA937248, AA199583, AA528463, T97267, AW005487, AA586445, AA084485, U90736, AA934719, AA327356, T87388, AI826239, AA137250, AW385433, AW385409, Z20096, AI924498, AA513297, AW080588, AA558986, AI926128, AI581525, AI695291, AW196067, AI783818, AI623264, AI400863, AA526975, AI445127, AI469613, AI933636, AI919084, AA632103, AA581848, AI888732, AI358508, AI469656, AI291994, AI275085, AI249798, AA552670, AA565996, AI040152, AI242802, AA884931, AI378681.</p>
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1928	HCRNW08	879595	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 407 of SEQ ID NO:1928, b is an integer of 15 to 421, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1928, and where b is greater than or equal to a + 14.</p>	<p>AI025266, AI434099, AA533047, AW272720, AI801054, AI888914, AI735767, AW304001, AI445913, AI436796, AW190856, AI921153, AI380637, AI888294, AI634717, AI075324, AI815198, AI805627, AI932444, AW073291, AI891014, AA425142, AA622524, H67122, AI916480, AI146786, AA316874, AI678847, AA315049, AI817063, AA573742, AW152548, AW151674, AI610106, AI675865, AW152169, AI675714, AW027843, AI475938, AI685830, AA582017, AI473626, AW381550, AI445130, AI800451, AI800431, AI972701, AI678427, AI801784, AI582452, AI867585, AI972499, AI720013, AI278406, AI277266, AI082505, AW191880, AI537173, AI473553, AI925030, AI559391, AI471336, AF053641, U33286, AF038452, AF053642, AF053650, AF053651, AF038451, AF053640, AF007791, AF088867, AA570120</p>
1929	HNTDJ29	879661	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1269 of</p>	<p>AA555115, AW083142, AW383992, AI819977, AI818981, AW302146, AI357211, AA970333, AA565308, AW391496, AA809752, AA043134, C18608, AA548230, AA565317, AI352620, AA554155, AA279358, AW392424, AA043611, AI433904, AA767874, AA370804, F33509, AW370978, AI500136,</p>

1930	HCRNM29	879886	<p>SEQ ID NO:1929, b is an integer of 15 to 1283, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1929, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 748 of SEQ ID NO:1930, b is an integer of 15 to 762, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1930, and where b is greater than or equal to a + 14.</p>	<p>AA360902, AA279306, AA370803, AC004677, AL078630</p> <p>AA040621, R64534, AA811265, AI582161, AA132065, AI222332, AA040620, AW001618, N40203, AI796277</p>
1931	HTPAM76	880071	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1619 of SEQ ID NO:1931, b is an integer of 15 to 1633, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1931, and where b is greater than or equal to a + 14.</p>	<p>AW387764, AW387814, AW387802, AW387787, AW387847, AI88586, AW387804, AA156240, AA156243, AA115637, AW388637, AW387768, AW073692, AW387860, AI828610, AA447697, AW078652, AA156747, AW387867, AA115638, AW387851, AA147510, AW387845, AA147381, AI671236, AA627367, AI302358, AW387765, AI589344, AA126967, AW194339, AA552339, AW274844, AA115437, AA631614, AA482223, AI336522, AI610638, AA464766, AA127119, AA148915, AI801445, AI888444, AA486631, AA481927, AI926413, AW058286, AA468787, AA156919, AI888332, AA115436, AW387859, AA129137, AA911832, AA480064, AW387887, AI446210, AA129136, AI935846, T93584, AW338675, AA486537, AA447849, AA373191, AI739001, AI536744, AA300698, AI926870, T79051, AW378720, T70156, AW387878, AW150592, AI805203, AI678275,</p>

1932	HCHOB95	880074	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1112 of SEQ ID NO:1932, b is an integer of 15 to 1126, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1932, and where b is greater than or equal to a + 14.</p>	AA147111, AA148916, AW361440, AA482318, AI224997, AW361449, T92156, AA295139, AI932801, D45563, AI933650, AW351860, AI361188, AA588527, AW388036, AW382525, AW382549, AA078254, AA077989, AA078672, AA078071, H25470, N43950, H85417, AI990093, H82389, AI262918, N27467, H83634, N27592, AA653768, W20391, AA481039, AC007688, AC004467, M60322, X52046, AL049610, AL008706, Z83745, AF084363, AF109905, AC003061, U56708, AL050318, M96253, AF035927, X92380, U59932, AF010237, Y17262, Y17265, U79975, U70436, AC002073, AF120983, AC005855, U69273 AA919098, AI829915, AI373763, AI769890, AI678073, AI186242, AI040323, AI096782, AW182824, AA877237, AI184171, AA843884, AA496249, AI684689, AA402540, W72754, AA099242, AA461621, AI688056, AA469089, AA476703, AA044210, AI312919, AA430750, AW340236, AI129433, AI332742, AI088802, AI203956, AA577035, AI375761, AI335585, AA862361, AA044080, AI658509, AA433943, AA991263, AA461447, AI658499, AI027869, AI222302, AI376235, AA496250, AI271959, N40335, AI806274, AA449309, AI808707, AA933843, AI184973, AA029128, AA287518, AI445857, AA316127, AI300822, N34296, AA206029, AI275858, AA133156, AI086991, AA973014, AA494516, AI146496, AI351577, AA524704, AA972426, W49681, AA143280, AA156594, AA989508, AA744580, AW296210, N27520, AA148505, AA523848, N50728, AA150804, W77953, AA099144, W49680, AA770602, N91132, N62734, R77333, W20508, AA150700, N50625, AA442714, AA910801, AA917918, AI027396, AI218157, AA927254, AI240835, AA804816, AA143389, AA321494, AA639009, AI971188, AA373176, N55054, AA604424, AA860473, AI915977, AA665452,
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1933	HLSAA96	880418	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1783 of SEQ ID NO:1933, b is an integer of 15 to 1797, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1933, and where b is greater than or equal to a + 14.</p>	<p>AI783651, AA953781, AA291501, AA668861, AA029999, AA649486, AA652093, AW132021, AA662005, AA364232, AI654194, N55669, AA883709, AA143334, AA372265, AA026564, N78458, AI472423, AA026472, AA313840, N55383, AF112214, D17244, D17071, AA706862</p> <p>AA429586, AA444874, AI920970, AA604806, AA431746, AA651708, AA847822, AA746501, AI051249, AI005487, AI368709, AI417856, AA009824, H06206, AW150601, H08319, AA830175, AA809393, AA765426, AW337780, AI435979, AA421703, AA508643, AA282694, H06207, T78170, R44287, R59778, AA768684, AI193720, AW235814, AA993048, R61320, T09292, AA503026, AA301325, AW084853, H08221, T84812, T78009, AA340198, AA009714, R23537, AI933451, AA649008, AA322332, AC004890</p>
1934	HBBMA61	880578	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 323 of SEQ ID NO:1934, b is an integer of 15 to 337, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1934, and where b is greater than or equal to a + 14.</p>	<p>AA934705, AI370920, AI744886, W86237, AA609163, AI082256, AI140436, N53361, AA968467, AI216727, N62199, AI143325, AI015198, AW236133, AA732867, AW341974, AI591092, AI141509, AA002163, N36129, R45071, R07479, Z38172, AA059224, T33713, AI469204, D11576, D11575, Z78385, N64142, T31044, AW243169, AA844013, AA417247, AL119457, AW392670, AL119324, AL119443, U46351, AL119497, U46350, AL119483, AL119319, U46347, AL119399, AL119484, AL119391, AL119418, Z99396, AL134531, AW372827, AW384394, AW363220, AL134533, AL119363, AL119355, U46349, AL119522, U46341, AL119439, AL119444, AL134538, AL119341, AL037205, AL119401, U46346, AL119335, AL119396, AL119496, AL134920, U46345, AF090190, AB026436, AR060234, AR066494, AR054110, A81671, AR069079</p> <p>AA984117, AW163623, AA311680, AA418057, AI144311, AL120308, AA056148, AA187561,</p>
1935	HE8QG48	880649	<p>Preferably excluded from the present invention are one or more</p>	

1936	HHENW13	880694	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1316 of SEQ ID NO:1935, b is an integer of 15 to 1330, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1935, and where b is greater than or equal to a + 14.</p>	<p>AF072813, W01018, AA992009, AA325639, W19986, AA776635, T30663, T33734, AI878939, AA256403, D54700, AA405294, AI134519, Z43583, AA227076, F06381, AW204252, AA430244, AA938909, H30186, D58629, R53851, N98255, AA161199, AA100159, AA114264, H43926, R22746, R34517, AA233577, AA081447, AA324916, AW138505, AA157365, AA324268, H84964, AA019377, AA232373, H42692, W28863, N83234, AA233594, R17978, W81009, W99386, T34516, T35956, AA214355, AA324917, N42109, AA078753, AA010322, T32868, AW138540, AA094192, T32010, T31224, Z39649, T87432, R22276, AA359082, H46389, R99404, T10889, H39131, R16493, AA227062, AA984677, T05775, AI755053, AA362885, AA354497, AA918044, T34825, AA417901, AI134510, AA643681, AA579642, T34772, AI147468, AI336174, AW374188, H19354, AA357382, N55823, AA482456, AW273035, AA161200, AI911850, AW363734, AA430035, AA663961, AA707053, AA565772, AI276668, AA575906, AW337856, AA033587, AA256297, AI308794, AA587048, AI354787, R99312, AA626391, AF119297, AF059524, AR028523, AF059529, AF059525, AF059527, AF059526, U25265, AF059528</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 664 of SEQ ID NO:1936, b is an integer of 15 to 678, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1936, and where b is greater than or equal to a + 14.</p>	<p>AI937291, AI991002, AW087339, AA464410, W37647, AI342395, AA237069, AA581972, AA594539, AW204762, AW276040, AI125339, AA167314, AI367075, AI803380, AA313202, AI264016, AA236870, AW167731, AI083960, AI991293, AI038896, AW205414, AI460022, AA694199, AI610383, AI707649, AI277698, R53610, AA305224, AW079550, AA430117, AA577381, AI074864, N23143, AA80618, AI801446, AA134966, AA724229, W32042, AI151318, W16866, R50528, R55254, AA135047, AA255556, AI189581, N32722, AA455580, AI244226, AL040668, W37383, AA844913, W93357, R50622,</p>

1937	HE8SB64	880747			<p>N79251, AW271218, AA908394, AI214414, R51941, W31353, AI669222, T32309, AI572502, T34020, AA456077, T30416, AA477701, AA477700, AA989005, N22935, W93445, AA026749, AA166984, T08224, AA883332, AA033670, AA255572, W03768, W31880, AB001740, AB012865, AB012727</p> <p>AI378788, AW070902, AI435602, AW138866, AA147037, AW383889, AI417256, AI420312, AW383890, AI565996, AI499115, AW383902, N21309, AA147128, AI767271, AA885289, AI750960, AI276772, AW102917, N46066, AI290500, H99543, AI302412, AI246663, AL046164, AI242761, N31244, AA233072, AA225024, H84766, H80004, H99544, M91216, H80005, H85099, AA226631, AI436734, AA460989, D29810</p>
1938	HKAEN78	880927			<p>AA306924, T73855, T83294, T85637</p>
1939	HOSML44	880994			<p>AA402002, AA522719, AA905625, AI091612, AI418276, AI560743, AW130435, AI992293, AI800639, AI204546, AA858118, AA813011, AI291876, AI703226, AW051814, AA846821, W19987, AI362691, AI356940, AI149942, AW008254, N55455, T79403, AI221349, AA975506, W96084, AW020847,</p>

1940	HTEEZ62	881052	<p>SEQ ID NO:1939, b is an integer of 15 to 756, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1939, and where b is greater than or equal to a + 14.</p>	<p>AI240036, AI560812, AI300180, AI089271, H54573, AA505078, AW701943, AA232733, T90553, R94479, H38643, AW026456, AA768615, AA854918, T86974, W96085, R08289, R94069, H60026, AI685154, AA970179, AA885640, AW261910, AI283256, AW028863, AA883234, N80142, D52425, AA865830, N22716, AA906638, AA995348, AA282083, H95085, AA765503, AI240974, AA738193, AI207741, AA443008, N35116, H54683, AW128861, N23206, AA364712, AA402136, H96792, AI906874, AI025840, AI346239, D59957, H24210, H95663, N20084, H38653, N29785, H94256, AA063258, AI359626, H96607, N90414, T56966, R20754, AA384679, AI027068, AI370536, AI520954, T78586, R20753, D60276, AI362623, D80608, R54942, AI962075, Z28499, H53597, H18631, H91182, H48906, AA427748, AA301182, AI985444, AA972097, AA894582, AA609747, AI804799, D59884, AA492083, H54445, H67369, T27025, H96239, N79026, AA761468, AA972438, AA970691, AA235389, AA236543, AA815412, AA427749, F10605, H73921, AI923477, H61736, R89812, AI205301, AA247535, H69003, C01267, N56269, AI371632, AI345661, AA203698, AI252251, H96773, AI609846, AI349670, AA319076, N83178, AB018288</p>
1940	HTEEZ62	881052	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1870 of SEQ ID NO:1940, b is an integer of 15 to 1884, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1940, and where b is greater</p>	<p>AI621215, AI950251, AI564193, AA308190, AW271945, AI560075, AI581089, AI561182, AA603342, AI135260, AW338106, AA505767, AA888065, AI625041, AI909320, AI357213, AA962704, AI911938, H29506, AA353956, AI928495, AA211037, AA581961, AI750915, AA516054, AI750267, AA249644, AA211203, AI493165, AW389552, AA104012, AI905441, AI887429, AI498683, AI453000, AW362831, AA622090, AA182761, AI739109, AA182641, Z42725, AA638984, AW389580, T48739, D19877, AA486796, AI697765,</p>

1941	HOAAH52	881074	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2717 of SEQ ID NO:1941, b is an integer of 15 to 2731, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1941, and where b is greater than or equal to $a + 14$.</p>	<p>AI300924, AI873826, N41871, AB020657, AF161553, AJ012449, AL078644, AR018872, AL137640</p> <p>AI638708, AW370588, AA604391, AI638200, AL046090, AI052244, AW055067, AW055206, AA224549, AW375847, AI679109, AL042378, AI621228, AW055056, AI633697, AW131512, AI858264, AI652500, AA418385, AW007559, AI347910, AA633193, AI417517, AA418455, AL039518, AI379655, AI735776, AI580118, AI611056, AI767569, AI332364, AW006925, AA431974, AI566498, AA458620, AI333573, R93775, AA633310, AI804397, AW190968, AI304495, AW025852, AI077447, AI278898, AA854076, AA400042, AI081935, H48411, AI061256, AI346015, AI042287, AI200205, AI298915, AI150973, AI400748, AW05014, AI921341, AI206630, AA258351, AI493294, AA418302, W80672, AI378534, AI367993, W80671, AI093517, AI445930, AI307183, AA467763, AA418344, AA401498, AI267890, AI953454, AI271612, N72284, AA937447, AA469431, AI361498, AI208143, AA725419, AA296397, AA507583, AI150850, AI207267, AA865832, H18576, AI056172, W60546, H13134, AI754190, AW338131, AA227538, AI569024, R69127, AA911897, AI028185, N73581, R80599, N91387, H63197, AA232897, AI640853, AA150542, Z43515, AI358148, AA921728, N67115, AA132871, AI288107, AA400712, AA742907, R80307, AI290519, AI952567, R11774, R68082, H60801, H60800, R69246, T67909, T64951, AI868438, T32394, AA936201, AI537951, AW235108, AA232896, N70399, AA342399, T69432, H82789, AA360349, AI263563, H63112, AA937988, R80600, AI580686, AA857394, AI678572, H18469, W04986, AA321926, AA610546, H57599, R80203, R91273, H57600, T68057, H82690, N75387, AA852406, AL039517, T52512, AL043057, R93722, N76405,</p>
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1942	HSDXB50	881104	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 735 of SEQ ID NO:1942, b is an integer of 15 to 749, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1942, and where b is greater than or equal to a + 14.</p>	<p>AI537427, AA400660, H82428, Z40015, H18502, AL044808, F04916, R98833, AI474154, AI478281, AI934138, T96021, AA133024, Z43958, AI679684, T54446, AA371002, AL045017, R68119, T16415, AW271181, AA403235, AA676809, T70487, AA626926, R37695, F02870, H51082, R97530, AW389296, AA247471, AI9322299, AW376391, Z44495, AW371130, R82536, AI933296, AL044806, AL043245, AI672519, AI133627, D87438</p>
1943	HFKMJ24	881105	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1208 of</p>	<p>AI816760, AI346903, AI189171, AI860301, AA284405, AI340328, AA485290, AW028742, AW073309, AI539128, AI749857, AA910895, N77735, AI805446, AI422690, AA868655, AA046578, AI038920, T32229, AI936194, AA742438, AW001568, AA657742, AW170086, W25066, AA296692, AI077505, AI375014, T95167, AI126547, W16677, AI370853, AI348244, N36073, N26915, AI346077, AI748952, T63086, AI432379, AA127847, AW073849, W01205, AI082289, W31500, N74204, AI753574, AI093341, AI278762, T82102, AI246120, AI735203, AW059835, AA877544, AA706829, AI129303, AI361287, AW249798, AA594759, AA524456, AA542925, AI240209, AA126112, AA934763, AI342601, AI052791, AI857321, AI128632, AI340141, AW118892, N25202, AA814658, AI041906, D11489, AA485295, AW002059, AI370689, AA553675, AA729483, W40151, AA482356, AA903651, AA994633, AI609301, AI459183, AA195893, AW088630, AI561215, AI800091, AW248136, AL050318, AF112213, S83364</p>
1943	HFKMJ24	881105	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1208 of</p>	<p>AA742438, AI346903, AW170086, AI816760, AI189171, AI432379, AI860301, AI340328, AW028742, AW073309, AI422690, AA161296, AI126547, AI749857, N74204, AA910895, AI129303, AI038920, AI246120, AI936194, AI077505, AW249798, AA877544, AI735203, AA926687,</p>

			SEQ ID NO:1943, b is an integer of 15 to 1222, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1943, and where b is greater than or equal to a + 14.	AA868655, AA542925, AI375014, AA934763, AI128632, AI340141, AW118892, N92840, AI240209, AI348244, AA706829, N25202, AI346077, AI342321, AI748952, AI857321, AW002059, AA553675, AI052791, AA127847, AA814658, AI041906, AA983612, AI609301, AA994633, AW006650, AI400295, AA729483, AI459183, AA903651, AI800091, AI561215, H09610, AW088630, AI683272, AI753574, AI719306, AI359224, AI278762, T32229, AI819003, AI093341, D11489, AI342601, AW300745, AI374975, AI346938, AI183409, AI423782, AI126006, AA612604, AA161217, AA846503, AI284860, AI275160, N80744, H06158, AA844576, W16677, AI310420, AI539128, AA996156, AA046578, AA737921, AI985064, W04601, N58366, AI827968, AA719050, N26915, AI091923, AI262701, AA524456, AI674584, AA873274, AI698929, AA485290, AA292533, R99586, AI079471, AA806662, AI361287, T81787, AI370853, W31500, AW193899, AI082289, AI805446, AA583430, T58149, H17502, F30305, AA594759, W25066, AW248136, AA195893, N77735, T95072, F30309, AA482356, AA657742, AA284405, AW059835, AW103745, T95167, R35655, T82102, AI370689, AA485295, T23459, AW366963, AA564661, T63086, W40151, AA484058, AW001568, AA642325, AA126112, AA296692, W01205, AA305476, N36073, AA192315, AA911901, N79525, AI784438, AW073849, AA913441, AA534551, T24804, AI074360, AW193751, H90230, AF112213, AL050318, S83364, AA689442, AI924572, AL046288, AW189048, W89124, AI091620, AA492579, AA588728, AI439428, AA449355, AA634228, AI146362, AA043859, AA581516, AA507328, AI469226, AA146720, AI056656, AA765659, N64539, AL046287, AW402025, AA312475, AI457992, AW005493, AA292416, AA449614, AA742592, AA465004, AA405756, AA078819,
1944	HEOQC11	881219	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2772 of SEQ ID NO:1944, b is an integer of	

1945	HWMBI22	881221	15 to 2786, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1944, and where b is greater than or equal to a + 14.	AA613822, N64732, AA405775, AA196964, AA367635, AA373433, W88918, AA504065, AA652295, N91745, T79620, AA996002, F25128, AI364464, AA515314, AA394253, AA078918, AI909748, AA455284, N80334, AL044772, AA377702, AA742682, AI583136, AI907986, AI909746, AA146721, T79705, AI798856, AW177744, AA037697, H55648, AA767252, AA810554, AA814521, AI675619, AI872260, AW370721, R32993, D78805, D78848, AW078800, AW082532, AW020164, AI245304, AI688854, AI492648, AL096741, AC004882, AC005529, Z82171
1945	HWMBI22	881221	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1469 of SEQ ID NO:1945, b is an integer of 15 to 1483, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1945, and where b is greater than or equal to a + 14.	AI800907, AI949684, AI052333, AW131568, AA732570, AA769120, AI743959, AI436302, AW082175, AW273742, AI677956, AA037263, AA855367, AA761521, AI936106, AI433128, AI292313, AI458263, AI687626, AI378687, AI187910, AI289598, AI378924, AI224510, AI808484, AA890001, AI363454, AW340276, AI077398, AI168640, W89211, W88447, AI566016, AL043030, AA836573, AA768422, AA634503, AI141297, AI539216, AA918633, AI350946, AA825685, AA515491, AA994089, AA609078, AA761310, AI628981, AI206686, AW105192, AA776321, AA676705, AI676082, AA363995, D62240, AI094091, AI300249, AI400742, T98450, AI809452, N75907, U66469, U66471
1946	HETDL42	882330	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1573 of SEQ ID NO:1946, b is an integer of 15 to 1587, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	AI344189, AI693945, N91690, AI457192, AW150901, AI798181, AA503831, AI458569, W86357, W86242, N92074, T79381, W86600, AI915320, W90710, R94236, AI282976, R94333, AA470366, T55160, H47818, T79811, W01906, N71011, AI702229, T54994, AA336878, N68860, AI613011, AI733775, T61655, AA120932, AA579769, H24026, AW170681, AI611475, AI243696, AI523317, T90991, AW148344, AA345280, AI908519, AI051595, AA885499, W80464, AA917596, AI380135, N29558, AI867394, AA250763,

<p>NO:1946, and where b is greater than or equal to a + 14.</p>			<p>AI284328, AI803101, AW440273, AA603344, AI148392, AA453747, H80554, AA453828, AA528253, W80573, AI254217, AW183037, AI419419, AI423034, AI305512, H65206, AA989137, AI559284, AI659077, AI935032, AW304485, AI611561, AA483217, AW440223, AI073889, T57089, AL046966, AI144070, AA962018, AA112330, AA630098, AI419982, AA954260, W93927, AW173728, R28013, AA146651, AI583416, AA668673, AA191610, F34079, AA703680, AA568394, AI053711, AW270496, AA069314, AI357477, AL041838, W02028, AA706521, AA664331, H89224, AW085628, AI207861, AI253208, AI744801, AW014689, AI769492, AI251385, AW271017, AI971131, AI053588, F34082, AI493025, AI252712, AA931216, AI991553, AI053773, AI311753, AI174685, T92433, N53462, AI805022, AA679798, AI252858, AI053963, AW086339, AA888155, AI135273, AI792443, AA083383, W92523, AI400721, AA504865, AW262442, AA789229, AI250275, AA011377, AI251700, AI254684, AI244896, AW134612, AW052205, AC011456, AC004605, AF050157, AL109654, AC005919, AC004062, U52112, AF030001, AC006289, AL132774, AL049636, AC006115, AC003949, AP000518, AL023584, AJ133269, AL078630, AL035663, AF054504, AC006239, AP000338, AL031056, AC004914, AP000216, AC002467, AC005060, AC007688, AC004638, AF130342, AF084363, AF107258, AC003976, AC004551, AC002072, AC005619, AP000080, X79283, AF126403, AC003061, AC005972, AF095725, AC005921, AF052041, AL049780, AC004051, AC016026, AC005304, AF109905, AC007707, AF111103, AC005580, AL031864, AC006039, AC005740, AL022401, AC003107, AC006012, AC003664, AC006371, AC005587, AL031737, AF001549, AP000014, U85195, AC002470,</p>
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	AC006120, AC005743, AE000658, AC004807, AL034406, AL132994, X06328, AL121754, Z85987, AC004888, AC003971, Z97987, AF091512, X07200, AC006387, AC004126, AJ006996, AC006525, AL033533, AC007528, AC003684, AC006328, AJ003147, AP000208, AP000130, X15051, AC005599, AC006112, AC006333, AP000247, AL023653, U62317, X15052, AL022333, AC002543, AC004934, AF139987, AL096816, AC004029, AC005855, U82668, AP000952, AF229844, Z82203, AP000039, AC016025, U66059, AC004032, AF125314, AC000116, AC003694, AC005172, AC005277, AC011331, AC006370, Z86062, AP000104, AC005772, AC004033, AC005878, AL033518, AL009047, AC007277, AL031010, AL024509, AC006285, AC005701, AC008080, AF131205, AL023513, Z99916, AC007425, AL121657, AC002080, AC000115, AC009069, AL031655, AC000105, AC005881, AF130248, AC006368, AL080272, Z82244, AL031228, AC009396, AC007115, AC011013, AC005386, AC007899, AP000961, AF109719, AF107256, AC006445, AC002331, AL049692, AC007993, AF064858, AP000081, AC002109, AL049866, AC006945, AC005184, AC006013, AC004125, AC007314, AC005303, AC002528, AL133448, AC007359, AC004859, AC007878, AC005189, AL008721, AL035458, AC005938, AL031776, AC004466, AF196972, AC005752, AL049838, AP000402, AL109827, Z98748, AL109627, AC004910, Z82201, AC008175, AL034412, AC005960, AC005553, AC004848, AL049631, AP000697, AC004217, AC008984, AC006042, AC006989, AF212831, Z97054, AF027865, AC006382, AC008033, AC006966, AC007344, AF060568, AF044743, Z97353, AF130357, AL050307, AF107257, AC006398, AC005216, AL132641, AC002368, U91323, AB010266, AL023582, AL034549, AC007917,

1947	HMEKW4 4	882715	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 193 of SEQ ID NO:1947, b is an integer of 15 to 2007, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1947, and where b is greater than or equal to a + 14.</p>	<p>AL049779, AP000313, AC009802, AC004467, AF110520, Z47556, AC007542, AC002487, AP000194, AP001116, AL136363, AC004967, AL035684, AF034569</p> <p>AA553612, AA813301, Z36965, D61366, AI216671, Z21245, AW152524, AI339525, AA483108, AI114701, AI720301, AI375684, AI066646, AI755202, AA584876, AA057530, AI341571, AW130427, AA584862, AW068996, AA569586, AW069783, AA679937, Z86040, AC007385, AL031230, AC009247, AB020874, AL049546, AL079304, AL021397, AL035078, AC004890, AC004990, AC007103, AC003009, AC004804, AL024498, AC004263, AC005844, AL034375, AC005723, U91326, AC005409, AL049539, AC006241, AC009509, AC007842, AC006430, AL031296, AC005086, AC010205, AL023578, AC007528, AC006377, AC005081, AC004070, U62293, AL021395, AC005368, AC005155, Z82214, AL133243, Z68276, AC006509, AC005229, AL133245, AC004087, AL031684, AP000141, AC004821, AP000500, AC006478, Z93017, AC008372, AC004859, AC004125, AC006229, AC006525, Z78022, AL022576, AC004796, AL035249, AC005181, AC004028, AP001137, Z85986, AF045448, D87675, AL049696, AF001549, AC005670, U91318, AC005483, AR036572, U91328, AL049713, AC005180</p> <p>AI563939, AW250591, AA280100, AA148046, AI167949, AI160019, AA886389, AI679948, AI523219, AA147993, W94919, AI679440, AA307127, AA480164, N26434, R54543, AA064644, H08047, AI520745, H99329, R60593, R60646, AA064686, AA283759, AA280033, R54445, AA303581, H07940, W91972, H69540, AI250356, AA283994, R11288, AI085856, N70908, R11229, AI540673, AA809976, AA909579, AA775556</p>
1948	HCEDM42	882729	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1236 of SEQ ID NO:1948, b is an integer of 15 to 1250, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1948, and where b is greater</p>	

1949	HCRNZ31	882762	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 2140 of SEQ ID NO:1949, b is an integer of 15 to 2154, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1949, and where b is greater than or equal to $a + 14$.</p>	AW388071, AW388070, AW392828, AW170095, AI139114, AI130783, AI796575, AI582280, AW392825, AW392827, AI032971, AW388090, AI160038, AI631539, AI205291, AA143796, AI342617, AA086002, AI076563, AA550819, AW388098, AA086109, AI374885, AW392810, AA669949, AI146898, H99888, AA186384, AW392819, AA303484, AI335908, AI917197, AI094414, W32500, F02983, H77763, AA371674, D58760, AW131074, AA148180, AW392820, AA148700, AA130888, R72708, AA412284, AW363332, H77594, AA470006, AW079549, AA224383, AA151480, AA303341, R00959, AA150531, F04202, D59193, AA099042, R00958, AA650273, R43795, AI571527, AA151983, AA583490, F04991, W02164, AA303931, AA098988, AA149391, T28556, T17080, AW135027, AA148701, AA747401, AW406447, AI479148, N28704, AW021399, W01939, AW270652, AA601667, AL042054, N71729, T60887, X64123, Z98036, AC004231, AC005971, AC002558, AF129756, AC005514, AC005527, AL022316, AC003980, AC007014, AL133245, AL117344, AC003950, AC004233, AP000229 AA368362, T52098, R69052, R27072, AA397783, AA393589, T95399, AA912955, AW137196, AA155762, AA188555
1950	HWMBU8 9	883172	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 638 of SEQ ID NO:1950, b is an integer of 15 to 652, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1950, and where b is greater than or equal to $a + 14$.</p>	
1951	HUFBY15	883201	<p>Preferably excluded from the</p>	AA625286, AA303053, AA303052, AA297581

1952	HIBCE91	883254	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 455 of SEQ ID NO:1951, b is an integer of 15 to 469, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1951, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 741 of SEQ ID NO:1952, b is an integer of 15 to 755, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1952, and where b is greater than or equal to a + 14.</p>	<p>W00425, AA349641, N42533, AI557558, AI557559, AW360991, R12333, AI557560, Z46216, AI890540, AA448602, N56299, AW103800, AC003007, AC005632</p>
1953	HWLKF77	883371	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1008 of SEQ ID NO:1953, b is an integer of 15 to 1022, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1953, and where b is greater than or equal to a + 14.</p>	<p>AI478843, AA628092, AI816845, AI813678, AW269372, AI310217, AI742137, AI887196, AA722779, AA740417, AI363399, H94805, H95343, AA890712, AA643210, AI743293, AI362725, AI391652, AA410876, AI474205, AI261631, AI280434, AI832281, AW001746, AA449475, AI459617, AW152661, W32215, H61131, AI190504, AI282582, AI872611, W32179, AA449638, AI345648, AI271086, AI473071, AJ245719</p>
1954	HOGCA75	883753	Preferably excluded from the	AA523290, AA700004, AI927220, AW170580, W74492,

		<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1762 of SEQ ID NO:1954, b is an integer of 15 to 1776, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1954, and where b is greater than or equal to a + 14.</p>	<p>AI859845, AI991311, AA522795, AI081052, AA535079, AI400364, AI335984, AW193221, AW170345, AA622540, AI273767, AW168283, AI188508, AA565989, AI559433, AI420481, AI246782, AI928146, AA157892, AA314960, AI281336, AW194453, AA838633, AA844471, AI401064, AI949231, AI911649, AI268908, AI874198, AI186144, AI819846, AI276313, AI874344, AI963847, AW193220, AI863584, AW167101, AW168206, AA149417, W79089, AA506616, AI564546, AL036495, AA434123, AI560666, AA149738, W02467, AA948146, C06165, AI660464, AW167111, AI961910, AI343369, AW194388, AI567796, AW009339, AA434059, AI739607, AI280032, R48300, AA551656, AW167849, AI346572, AI923100, AI005290, AI091394, H93341, AA295491, AI588982, AI819915, AI950029, AI991855, AI347074, AI347076, AI660868, AW374558, AI682624, AI348165, AI949885, AI347071, AW014104, AA582757, AI860565, AI222884, AI861959, AI283186, AI347501, AI305833, AI031766, AI346386, AI346944, AW189088, AI032425, AI283162, AI347072, H27323, AI214245, AI346606, AI743195, AW015201, AI347060, AI346569, AW275383, AI281140, AI346475, AI743978, AI274133, AI738882, AI273374, AI347930, AI738627, AI991114, AI097004, AI144005, AI304544, AA569935, AI281141, U46417, AA157596, AI274318, AI285074, AI346274, AI336454, AI346908, AW374542, AI339875, AI014860, AA293207, AI339827, AI861957, AI281257, AI243957, AI281300, AI336446, AI660830, AI347929, AI368165, AA477634, AA411444, AI343934, AI636236, AI274312, AI424819, AW024873, AI337303, AI339815, AI470046, AI690641, AI284953, AI284985,</p>
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	AI077453, AI304526, AI272752, AI283882, AI149402, AI346977, AI345971, AI281170, AA568902, AI274915, H27350, AI262634, AI217716, AW000877, AW374541, AI818196, AI738744, AI285000, AI348231, AI274936, AI263949, AI347005, AW242694, AI280854, AI970403, AI273369, AI346999, AI304778, AI739069, AA574044, AI186095, AW167644, AI346193, AI688345, AI346941, AI346989, AI281121, AW043573, AA149303, AW024983, AI280872, AI274189, AI915133, H44304, AI318406, AI272747, AI273217, AA427468, AA574043, AI277124, AI669863, AI245933, AI246742, AI262266, AI873728, AI688346, AA633341, AA864657, AI318388, AW016561, AI672959, AA434269, R12121, AI262441, AA506660, AW299999, AI290431, AI274388, AI312741, AW027199, AW044256, R36883, AI741229, H93844, AI955566, AA506754, AI537131, N72688, H13937, AI346220, AI394296, H27324, AI222762, AI280169, AW374650, AI272760, AW237322, AA916675, AI262447, AA923527, AW136052, AA492265, AB000712, D88492, AB000714, AF007189, AF095905, AJ011656, AC004643, M74067, AJ130941, AJ249735, E13998, AL049423, AL133655, U30290, AR005195, AL133607, AL133084, AL133070, AL133053, AL133051, AL133049, AL133076, AL133608, D87953, AL122101, AL133015, AL133057, AF002985, AR055519, AR015970, AR034821, AF114168, AL122049, AF126531, AC004213, AF057300, AF057299, AF031147, Y17957, Y14735, X70685, AF052110, X72624, T96099, R05961, R05962, R48403, R50075, R50076, W21446, AA430665, AA492185, AA505980, AA563652, AA595940, AA622827, AA863314, AA886772, AA284679, AA293130, AA293763, D25752, T24860, AI540462

1955	HOGCI47	883799	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1115 of SEQ ID NO:1955, b is an integer of 15 to 1129, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1955, and where b is greater than or equal to a + 14.</p>	<p>AW054994, F33829, AI560717, AI268302, AW005178, F22745, AA284546, AW296592, AI298213, AI356840, AI493477, F36987, AI081004, AI038823, AI633219, T66954, T36169, W71988, Z39991, H50924, AA284816, F09164, AA043299, T31835, M78780, AA745562, H16657, AW262558, AA745578, AA744099, AI349099, AA989269, R72575, H51586, AA744396, T79883, W76380, H16514, H38527, AA995198, AA296888, AA541441, F11503, AI475083, AI302606, AA043300, AA886838, R54219, AI125823, T66953, AA745444, AW361009, AA296951, F03443, AA297044, AA335686, F05047, R37601, AA090754, AI970619, Z44304, AW374215, AI547101, R51823, AA783044, AA594940, AW176749, AA583598, T15585, R49122, AA085248, AF131774</p>
1956	HWLUT61	883945	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 265 of SEQ ID NO:1956, b is an integer of 15 to 279, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1956, and where b is greater than or equal to a + 14.</p>	<p>AI942421, AA588562, AI942402, AI520886, AI867203, AA995170, AA045481, AW380270, AI680440, AI362487, AI591163, R82350, AI934005, AW089784, C04722, AA046708, AI690012, AA016994, AI274637, AI872632, D19775, AI985406, AL049685, AL049792, AF093744</p>
1957	HLTBA42	883971	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 909 of SEQ ID NO:1957, b is an integer of 15 to 923, where both a and b correspond to the positions of</p>	<p>AI767559, AI631820, AI758931, AI758389, AW118708, AA630485, AA761469, AW195693, T89742, AA807177, AA361233, AI679708, AI244041, AI572549, AA947977, AI679134</p>

1958	HHEHB82	884038	nucleotide residues shown in SEQ ID NO:1957, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1743 of SEQ ID NO:1958, b is an integer of 15 to 1757, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1958, and where b is greater than or equal to a + 14.	AI676130, AI991800, AI936232, AA307685, W67860, AI640485, AI628790, AA524353, AI824956, AI990762, AI800990, AI335005, N31143, N21294, AW152627, AW302169, AW002644, N21128, AI333331, AA994852, AA983846, AA595031, AI420382, AA610108, N90992, AW071591, AI240604, AA678009, N31229, AI264921, AI655233, AI611678, R70013, AA579237, AW015641, T64746, T31944, AA570191, AA084445, AA935035, C15927, AA358195, AA081627, T07826, N94623, T34036, Z44938, AA380035, AA579517, R58098, Z44410, N69498, D60023, D52558, AW373952, AW369584, R70058, AW089404, AW373174, AW373195, W23822, Z41687, T83793, T32675, W67803, AI566308, H98950, F03903, AA358196, AI360228, AA129234, AA913439, AA094862, AA129262, AF151882, Z85996, D16898, AF090992
1959	HE2PR08	884095	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2842 of SEQ ID NO:1959, b is an integer of 15 to 2856, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1959, and where b is greater than or equal to a + 14.	Z78394, AA579630, AA582960, AI885325, AI936536, AI041202, AA224518, AA524291, AA224554, AW408821, AW089837, AA846846, AI039992, AI201511, AI798847, AA582557, AI863290, AW387178, AI809936, AW173427, AI808766, AA824622, AA769229, AA884837, AA314430, AI243818, R80863, AA736387, AI167988, T77889, AI830058, AA868007, AA280913, AA808467, T03578, AW192356, H70647, AI264722, AA553758, AA854986, R80862, AA323841, H91024, AW050796, AI086287, T77712, AI912397, AW117749, AW173596, AA653386, AA438592, AA349239, AI277285, AI648701, AA330244, AL120761, Z78395, T47786, W38742, T47820, AA634686, AA091136
1960	HMKAN71	884161	Preferably excluded from the present invention are one or more	AI635715, AW411210, AI624534, AA879465, AW104990, AW409582, AI766309, AA081177,

1961	HSIFV30	884168	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1706 of SEQ ID NO:1960, b is an integer of 15 to 1720, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1960, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2840 of SEQ ID NO:1961, b is an integer of 15 to 2854, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1961, and where b is greater than or equal to a + 14.</p>	<p>AI803484, R78080, AI129966, AI925109, AI804159, AA279212, AA410910, AA678827, AI860837, AI183591, AW315983, AI431314, AA766602, AA081236, AW194027, AI521521, Z38832, AA588351, AI923638, N39554, R22273, AA447188, AA769352, TS2102, AA371263, AA259257, T60532, AW411209, R22218, Z42670, AA443811, AA969814, AA729654, AA259256, AI969030, AW409826, R24524</p> <p>AI660957, AW361534, AW361532, AI802756, AW361521, AW361520, AW009763, AI660234, AI802693, AW361523, AI721275, AA581198, AW361522, AW361528, AA296955, AI721121, AA508854, AA297150, AW009764, D25727, AI687981, AI582072, AF127036, AF039400, AF095584, AB017156, AF039401, I95746</p>
1962	HNTSY52	884215	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 4073 of SEQ ID NO:1962, b is an integer of 15 to 4087, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1962, and where b is greater than or equal to a + 14.</p>	<p>AI815240, AI631739, AA309645, AI696961, AI479235, AA307961, AI978872, AW195761, AA280818, AI990440, AW262762, AI809185, AI037930, AI637988, AI754009, AA181165, AA972531, AI817057, AI494056, AW073248, AA181166, AI826853, AI361369, AI149286, AI752584, W52618, AW339206, AW075435, AA115631, AI445241, AI523220, M62298, AA558913, AW368570, N51760, AA348679, AI735744, AW384980, AW384967, AI802541, Z19223, N35007, N74118, H03102, AA102848, Z25028, AI624448, AI279412, AI476071, AA385867, AA095022, AW194583, AI383593, AA360919, R79669, Z28444, AA506352, R26853, AA133388, AA330074, N30413, Z28730, AA020013,</p>

1963	HCR0M43	884379	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 787 of SEQ ID NO:1963, b is an integer of 15 to 801, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1963, and where b is greater than or equal to a + 14.</p>	<p>AI954282, R79858, D31597, R77935, AA280996, H99307, AA020014, R27081, AI950631, AA295264, AA402581, AA093272, AA093324, AA248050, AI221843, N47215, AL080111, AR044142, AR044127</p> <p>AW374334, AI064813, T31706, T08905, R94666, T09212, T31698, T83796, AA714176, T27030, AI655004, AW239098, AF196972</p>
1964	HLWCF60	884529	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1612 of SEQ ID NO:1964, b is an integer of 15 to 1626, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1964, and where b is greater than or equal to a + 14.</p>	<p>AI083497, H14688, N77514, AW015613, H16869, AA377154, AW194949, AA378912, AW390260, H24407, AA307120, W39491, F25064, AA252725, AI539349, AA252714, H17215, AA136412, AA076537, AA076506, R57305, H06942, AA488566, AF151908</p>
1965	HWLKD85	884719	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 576 of SEQ ID NO:1965, b is an integer of 15 to 590, where both a and b</p>	<p>AA282838, AA121115, AA323118, AI351856, AA325395, AA248006, AB028859, AJ250137</p>

1966	HCRMX54	885350	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1965, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1956 of SEQ ID NO:1966, b is an integer of 15 to 1970, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1966, and where b is greater than or equal to a + 14.</p>	<p>AL038837, AL037051, AL039074, AL039128, AL039109, AL039108, AL039659, AL039156, AL045337, AL039625, AL039648, AL039629, AL039678, AL042909, AL040992, AL039564, AL038531, AL037726, AL045353, AL036973, AL044407, AL039410, AL039423, AL039538, AL039386, AL044530, AL039566, AL039509, AL036725, AL045341, AL039150, AL036196, AL037639, AL038025, AL039924, AL036767, AL037615, AL038821, AL036117, AL036238, AL043441, AL045794, AL039085, T24119, T24112, AL036679, AW013814, AL043445, AL043422, AL037526, AL037027, AL037601, AL043423, AL036924, AL036964, AL036158, AL036765, H00069, AL036268, AL036733, AL037177, AL037054, AL036418, T23947, AL036998, T02921, AL036133, AW451070, AL037643, AL036132, AL037082, AL038851, AL036167, AL036163, AL037178, AL037049, AL037085, AL036190, AL037600, AL036914, AL036139, AL037047, AI535983, AL037124, AI535783, AL037021, AL036191, AW452756, Z99396, AL044960, AL036152, R47228, AL036900, D51250, AL036150, AL036227, AL048425, AL036207, AL036174, AL036953, AL036719, AL037679, T23659, D80253, AL036858, AL037077, AL036808, D59787, AL038043, AL037569, D80043, D59275, D80219, T48598, AA514190, Z25782, AL038447, D80227, AW450376, D80240, D80134, AA631969, AL037002, D51423, T11051, AL036999, D80210, Z25783, D59619, H00072, AL037016, C14227, AL037094, AL036630, D80193, D80196, AW135155, D80168, AL039440, D59927, AI557751,</p>
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	AL036229, AL039076, AL037742, D80366, AL043868, AW392670, AL038509, AL039077, AL119457, AL119324, AI142134, AL042544, C75259, AW451416, AL119443, AL119399, AL038520, AW384394, AW372827, AW363220, AL119497, AL119319, AL119355, AL119483, AL119363, U46349, AL119391, AL119484, C14389, U46341, U46350, AL119522, AL119418, U46351, AL119341, AL119335, AL039504, AL039555, AL039521, AL119396, AL039476, AL043586, AL044412, AL044364, U46346, AL119496, U46347, AL119444, AL036836, AL043011, D59889, AL037205, AL119439, AL042984, AL119464, AL134527, AL134538, AL042614, AL042965, AL042975, AL043029, U46345, Z96142, V00745, X73004, AR036903, E13740, I19517, A76773, A22413, I13349, A11245, A35536, A35537, A02135, A02136, A10361, A04663, A04664, I08051, AF118808, I01992, A92636, E03165, E02221, E01614, E13364, X68127, A95051, AR062871, AR031374, A49700, AR031375, A58521, AR020969, AR025207, AR017907, AR036905, A38214, A44171, I56772, I95540, AR018924, A63067, A51047, A63064, AR018923, A48774, A63072, A48775, AR068507, AR068506, AR015960, AR000007, AR015961, A85477, AR035975, AJ244003, AJ244004, AR035974, AR035977, A85396, AR035976, AR035978, A25909, A98767, I19516, A93963, A93964, I63120, A02712, I60241, I60242, A95052, AR043602, AR043603, AR043601, A95117, A18053, I06859, A18050, A23334, A75888, I70384, A60111, A23633, AR007512, A23998, A84772, A84776, A84773, A84775, AR062872, A84774, AR062873, AR067731, AR037157, AR067732, A86792, A58522, A91750, AR054109, A64081, A20702, A43189, A43188, A20700, I18371, A92133, A58524, A58523, A24783, A24782, A81878, I03343, AR022240, A97211,

				A02710, E12615, AR035193, E14304, A07700, A13392, A13393, A27396, AR027100, I28266, I21869, A49045, E16678, E16636, A82653, A93016, D28584, I25027, I26929, I44515, I26928, I26930, I26927, A58525, A70040, A51384, AR038762, I49890, I44516, AF156296, AR000006, A58526, A91753, I00079, E16590, AF156294, AJ244005, AJ230933, A91965, A67220, Y11923, AR027069, A20701, A04710, Y11926, A52326, A15078, I00074, I03665, I03664, D88984, U87250, I66495, I66494, I66498, I66497, I66496, I66486, I66487, E00523, AR038286, I25041, I92483, I00077, AR008430, AF156303, AR028564, AR060673, AR060676, A49428, A08457, A08458, AF156299, I07429, A13038, A29289, X13220, D14548, D34614, A00782, A02741, A14595, A18755, A25856, I12245, A49695, A49696, A97221, AF019720, AF156302, S70644, A18722, AF156304, A91754, M32676, AB012117, AF096810, E06034, I69350, S65373, X58217, AR064706, I68636, A60957, I40851, I84554, I84553, A60968, A60983, Y11449, AF096793, AR066482, A60985, A60990, A60987, D44443, X15418, AB007195, Y17188, A10363, AF130655, X73003, I08250, X16234, E04616, I03663, I03666, I18302, S83538, Y11447, AR063812, I07888, Y11920 AA433834, AA427986, W38581, AA362763, AA331674, W05306, AA029735, AA331672, W93893, H46399, AI672548, AI637672, AA025077, R26502
1967	HTPHK88	885476	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1208 of SEQ ID NO:1967, b is an integer of 15 to 1222, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1967, and where b is greater	

1968	HCQBD35	885484	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1424 of SEQ ID NO:1968, b is an integer of 15 to 1438, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1968, and where b is greater than or equal to $a + 14$.</p>	AA056059, N55045, AI016561, AL035552, Z82975, AC004388, AC004993, AC010722, AC006924, AL033397, AL022151, Z84720, AL109654, AC005145, AL136297, AC004081, AL121823, AC007458, AP000493, AC005053, Z93403, L11910, Z72001, AC004911, AC002071, AL121654, Z99497, AL109758, AL133244, AL034377, AC002524, AC004998, AC002367, AL049588, AC006041, AL022164, AL031650, AL117667, Z83848, AC003080, AC005250
1969	HLQF167	885511	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 509 of SEQ ID NO:1969, b is an integer of 15 to 523, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1969, and where b is greater than or equal to $a + 14$.</p>	R08489, AI683117, AA724056, AI571789, AA489761, AW341505, AI590115, AI884695, AI651965, AI863337, AI028587, AI246696, AI920847, R76087, AI032590, AA835680, AA508647, AA765513, AI791278, H51121, AI568523, AA034147, AA513202, AA053714, T99214, AI821534, Z82198, Z82201, AC008014, AC005296, AL031782, AL133512, Z74696, AC008498, L81800, AC005871, AC002209, Z98744, AC003695, AC004559, AP001117, AC004616, AC004836, AC005059, AC004068, AL049648, U69569, AC006325, AC006256, AC007126, AC004106, AF093117, AL049828, AL023806, AC002078, Z72004, AL049734, AC005066, AC006406, AL023582, AC006368, Z70288, AL133246, AC008080, AF165175, AC007370, AC005539, AC007461, AC005738, AL023579, AL022477, AL035684, AL022576, AC002526, AC007542, AL132800, AF165176, AL078598, AC008126, AC008072, AF064860, AL031681, AC007385, AC005232, AC004885, AC007103, AC005157, AE000660, AC004063, AC003046, AL035686, AC007016, AL078602, AL109612, AL117355, U85197, AJ010598, AL135746, AC006143, AC006032, AL035667, AP000243,

1970	HAIJIV26	886331	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 761 of SEQ ID NO:1970, b is an integer of 15 to 775, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1970, and where b is greater than or equal to a + 14.</p>	<p>AP000203, AL034417, AF042090, U71148, AC005533, AC004042, AL079352, AL049844, AL031123, AC004788, AC003119, AC007786, AL031965</p> <p>AW160977, AW392670, AL119483, AL119497, AL119443, U46341, AW372827, AW384394, AW363220, AL119319, AL119457, AL042975, AL119324, Z99396, U46351, AL119484, AL119363, AL119341, AL119391, AL119355, U46350, U46347, U46349, AL119444, AL1194902, AL119396, U46346, AL119335, AL043011, AL134920, AL134533, AL119439, AL119522, AL119496, AL042970, AL134538, AL119399, AL042965, AL134518, AL037205, U46345, AL119418, AL042614, AL042995, AL134531, AL042896, AL043029, AL042450, AL042544, AL134526, AL042542, AL142139, AL043019, AL042984, AL042551, AL043003, AL119464, AL119488, AL117339, AB026436, AR054110, A81671, AR060234, AR066494, AR069079, U27699</p>
1971	HBJJF90	886505	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1120 of SEQ ID NO:1971, b is an integer of 15 to 1134, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1971, and where b is greater than or equal to a + 14.</p>	<p>AI291206, AI692352, AA159669, AA166774, W87878, H60270, R00390, AI174957, AA082398, AA047213, AI567717, N58610, AA384188, AA344124, AI970562, AI572002, AI860354, AA035047, N26366, AA382178, R21443, AA649513, AA294966, AA393451, AW372027, AW383791, N79097, AW176696, AA579377, AW383795, AW363037, AW372042, AW372015, AI887591, AW383956, AI590368, AA489105, AW379471, H72198, W57920, AA989009, AA286892, AW363951, AA047214, AW372040, AA459578, AW383793, AW383800, AA092369, AW383794, AW364575, AW383786, AC004686, AF161410</p>
1972	HWLFB44	886527	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 437 of</p>	<p>AI688604, AI660552, AI659950, AW296326, AW291582, AI700219, AI380340, AW004785, AW295479, AW006764, AI688540, AA522452, AA594441, AI695451, AA470898, AA594533, AI581787, AI581803, AI581880, AI832419</p>

1973	HCE4U96	886788	SEQ ID NO:1972, b is an integer of 15 to 451, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1972, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1371 of SEQ ID NO:1973, b is an integer of 15 to 1385, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1973, and where b is greater than or equal to a + 14.	AI688460, T09220, AA338971, AI969431, AI862437, AI862438, Z42464, W46479, AW163719, AW139376, AA314949, AI214207, AC004382
1974	HWLEL48	886914	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 734 of SEQ ID NO:1974, b is an integer of 15 to 748, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1974, and where b is greater than or equal to a + 14.	AW014333, AW376283, I82554, U79725, I82549
1975	HTGBT14	887098	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 757 of	AA528172, AI870515, AW022634, AI122636, AI807139, AI524135, AW117562, AI332968, W94241, AI034051, AW119174, N53839, AI378914, AI708759, AA699609, AA425884, AA909771, AI086409, AI312652, AI382156, AI161356, AA635388, AA633491, W94238, W46444, AA746370, AA28039,

		<p>SEQ ID NO:1975, b is an integer of 15 to 771, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1975, and where b is greater than or equal to a + 14.</p>	<p>AI362190, AA443159, AA975136, AI144548, W94114, R33101, AA713985, AI350918, AI301665, AA928203, AI864872, AA702159, AI052284, AI340996, W95293, AA228149, AI497988, AA084519, AA223979, F22291, F21666, AW262545, AI421254, W69785, AI492628, F22149, AI038217, AA782142, H51447, F29644, W95550, AA633151, W51800, AA524187, AI220373, AI718892, AA978346, H51405, AA866163, N73336, T48735, F26124, AI971845, W78797, AA704978, W69733, AI066547, AA082415, AA224044, AA918327, W92564, Z22018, AA306319, AA928012, W46469, AA002051, AA463446, AA970170, W95702, F36672, F20308, R33196, AI460269, F34207, W95701, AA378930, AA090815, AA661851, C21256, T48734, F18648, AA428745, AA093730, AA666150, AA062817, AI027170, AA001847, AI264217, AI653972, AI202069, AL079963, AI539028, AW149925, AI269862, AI364788, AL047763, AL041150, AL042628, AW198075, AI537989, AI932794, AW268220, AI334450, H89138, AI564259, AL119863, AI648663, AI344928, AI358701, AI582932, AL036638, AL045500, AI570807, AL045266, AW079572, AI308032, AI698391, AI344785, AI670009, AW087445, AI889953, AI520809, AA225339, AI345148, AI433976, AL037454, AI620284, AI468872, AW020693, AI335209, AI433157, AI270183, AI554821, AW151136, AI539771, AI537677, AI494201, AI802542, AI500659, AL036631, AW168485, F27788, AI815232, AI801325, AI500523, AI866090, N80094, AI923989, AI284517, AI500706, AI445237, AI491776, AW151138, AI889189, AI521560, AI500662, AI284509, AI288285, AI889168, AI866573, AI633493, AI434256, AI627988, AI344933, AI805769, AI888661, AI284513, AI888118, AI524671, AW162194, AI889147, AI812015,</p>
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	AI440252, AI306613, AW051088, AI433037, AI632408, AI886181, AW268302, AA715307, AW072719, AI933589, AI611348, AI635067, AI610645, AL040243, AW103371, AI608936, AI874166, AI254731, AI921248, AI819976, AW023859, AI119791, AL043981, AI886753, AI349004, AI686906, AI927755, AL121270, AI798456, AW051258, AL042551, AI624293, AI611738, AW148970, AI571909, AI619502, AI677796, AI352497, AI349598, AI684021, AI288305, AW118518, AL039276, AW269097, AW026882, AI923370, AI269205, AI064830, AI929108, AI436429, AW193125, AL110402, AI371228, AI500061, AI572892, AI613548, AW083804, AI654276, AI620089, AC004985, AF161453, AF015416, AI2297, I89947, AL133014, AL137271, AL122049, AF111851, AF091084, AF118094, AL133072, A08913, AF078844, AL137521, AL137557, AL117435, AF113019, AL049283, I33392, AL133016, AF026816, AL110280, I48978, AF185576, A08916, U35846, AF008439, A08910, I89931, A08909, AL137538, AL050138, X72889, I49625, AL137459, U80742, AF090901, X98834, AL049464, AF106862, U72620, AL122110, ARO11880, AL133080, AF125948, AL133077, AF177401, U91329, AL049452, AL049300, AF125949, A65341, Z82022, AF090903, AL133560, AL137463, AF087943, AL133606, E03348, I03321, AL137560, AL117460, Y14314, AL050149, AL080124, E07361, AF113694, X82434, AF113689, Y16645, AL110196, A77033, A77035, AL080159, E15569, S78214, I48979, S68736, AL049466, A58524, A58523, I00734, X93495, X65873, AF113690, AF090934, AF113677, Y11254, AL049382, E02349, AF113013, AL050277, AL050116, E00617, E00717, E00778, AL122093, AL050393, AL122121, A08912, I26207, AF104032, AF067728, U00763,

1976	HKLRB09	8871114	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1698 of</p>	<p>AJ238278, X63574, AJ012755, AL122123, AL133104, AF017437, AF097996, AL050024, AL133640, AL117583, AL117585, AL122098, AL133113, U42766, A03736, X96540, AF061943, AF003737, AF162270, Y11587, AL137550, AF090943, AF183393, AF158248, AL137292, S61953, U67958, I42402, A93350, AF026124, AF017152, AF090900, AR038854, AL080074, AR000496, U39656, Z72491, AF079763, AR059958, AL110221, AL117457, AF111112, AB019565, AF119337, AL049430, AF113699, AF153205, AF113691, E07108, A07647, AL050146, AL137476, AL137526, I09360, X70685, AL049314, AL137648, AJ242859, L31396, AL096744, AL110225, AL117394, L31397, AL133093, AF113676, AL133565, AF079765, AF057300, AF057299, AJ000937, L30117, AF111849, AL133557, E02221, AL080060, AL133067, AL137556, A90832, AL050172, AF210052, AL122118, AF118070, AL122050, AL133098, AL137533, AL050108, AF146568, AF090896, AF106657, AF118064, M30514, X84990, AL080127, AL133075, AL117440, AL080137, AL137527, E08263, E08264, A93016, AL137480, AF032666, AL049938, A45787, E04233, U96683, AL133568, AJ006417, X53587, AR038969, AR013797, AL133081, AL110197, Y09972, AF061573, U68387, AL137523, X87582, U58996, Y07905, AF081195, AL137294, AL137283, E06743, X83508, AR020905, AL137478, AL137488, AL050092, E05822, E08631, Y10080, L19437, I09499, U78525, AF051325, X92070, AL137705, AL023657, AL117432, AF081197, U49908, AL080086, AF106827, Z37987, AI732659, AI791955, AA577625, AW083143, AW138645, AL038837, AL039074, AL039564, AL039109, AL039108, AL039156, AL037051, AL038531, AL039659, AL036725, AL039625, AL039648, AL039629, AL039678, AL040992, AL039150, AL039128, AL037726, AL045337,</p>
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			<p>SEQ ID NO:1976, b is an integer of 15 to 1712, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1976, and where b is greater than or equal to a + 14.</p>	<p>AL042909, AL039423, AL039410, AL039085, AL045353, AL036973, AL044407, AL039538, AL039924, AL039386, AL038821, AL044530, AL039566, AL039509, AL036196, AL043445, AL037526, AL037639, AL038025, AL036418, AL045341, T24119, AL043422, T24112, AL037615, AL036767, AW013814, AL043441, AL045794, H00069, AL043423, AL036924, AL037082, AL038851, AL037104, AL036117, AL036238, T23947, AL036190, AL036679, AW451070, AL036733, Z99396, AW452756, AL037081, AL037027, AL037601, AL036191, T02921, AL037178, AI535983, AL036158, D51250, AL036765, AL036998, AI535783, AL037054, AL036964, R47228, AL036174, AL037177, AL037021, AL037643, T23659, AL037600, D80253, AL037049, AL037124, AL036858, AL037077, AL036139, AL119457, D59787, AL036132, AL036167, D80043, AL036268, D59275, AL037085, AW450376, AL036152, D80219, AL042544, AL036228, AL119399, T48598, AA514190, Z25782, AL036900, AL038447, D80227, AL036953, AL036808, AL119324, AL042382, AL037047, AL036207, AL079794, AL036227, D80240, AL041862, AL036742, D80134, AL036719, AA631969, AL036150, AL037002, D51423, T11051, AI763414, AL042745, AL119511, AL036999, AL119748, AI174394, AL040243, AL037679, AL042628, AL037569, D80210, Z25783, AI696819, AW151136, AL047675, AL079741, AL046356, D59619, AW029611, AI280732, AL045266, AL079977, AW071349, AI608936, AL042744, AI249877, AL045620, AL046926, AI591407, AW089179, AL047092, AL045163, AL039276, H00072, AL121286, AI433976, AI680162, AL045500, AL042787, AI433157, AI554821, AL049085, AI539771, AI537677, AI432666, AI500659, AI815232, AI648502, AI805769, AI801325, AI648663, AI500523, AI625467, AI582932, AI923989,</p>
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	AI284517, AI500706, AI491776, AI445237, AI151138, AI889189, AI521560, AI828731, AI500662, AI284509, AI889168, AI499285, AI888899, AI433368, AI866573, AI633493, AI434256, AI888661, AI284513, AI888118, AI758816, AI633419, AI440252, AI610115, AI888903, AI045774, AI040241, AI269862, AI620284, AI917963, N80094, AI913452, AI520702, AI799199, AI190042, AI932794, AI073394, AI889953, AI699011, AI042551, AI933785, AI520809, AI151785, AI537515, AI888944, AI468872, AI344817, AI929108, AI569309, AI796743, AI193026, AI608676, AI868831, AI922901, AI859464, AI364788, AI036638, AI119791, AI251830, AI365256, AI067797, AI013456, X68127, AI118808, Z96142, AI062871, AI036905, A95051, AI031374, A85477, A85396, AI244003, AI244004, AI031375, I18371, AI025207, V00745, A44171, AI018924, X73004, A63067, AI49700, A51047, A63064, AI018923, A48774, A63072, A48775, AI017907, AI068507, AI068506, AI38214, A58521, AI015960, I56772, I95540, AI000007, AI015961, AI020969, A98767, AI02712, AI25909, I19516, AI230933, A93963, A93964, I63120, A95052, A64081, AI043602, AI043603, AI043601, A95117, AI18053, I06859, AI18050, AI84772, A23334, A75888, I70384, A60111, A23633, AI007512, A23998, I60241, A84776, I60242, AI84773, A84775, AI062872, AI84774, AI062873, AI92133, AI067731, AI037157, AI067732, AI86792, AI58522, A91750, A58524, A58523, AI054109, AI20702, A43189, A43188, AI20700, AI156296, AI244005, E13740, Y11926, A67220, I03343, AI036903, AI1878, I66495, I66494, I66498, I66497, I66496, I66486, I66487, D28584, A24783, A24782, A35536, A35537, AI022240, AI02135,

				<p>A02136, A04663, A04664, A11245, A02710, E12615, AR035193, E14304, A07700, I00074, I01992, A13392, A13393, I19517, A27396, A76773, A22413, I28266, I21869, I13349, AR027100, A49045, I25027, E16678, E03165, E16636, I26929, A82653, I44515, I26928, I26930, I26927, A58525, I08051, A93016, A51384, I03665, Y11923, I03664, A15078, A70040, AF156294, A97211, E16590, E00523, AR038286, I25041, I92483, AR000006, AR038762, D88984, I49890, I44516, U87250, A92636, I00079, D14548, E02221, E01614, E13364, A58526, A91753, I00077, AR008430, AR035975, AR035974, AR035977, AR035976, AR035978, D34614, AF019720, S70644, AF096810, A18722, A91754, AB012117, A97221, AF156303, AF156302, X58217, AR064706, I07429, I68636, M32676, AF156304, A10361, AF156299, A60957, I84554, I84553, A60968, AF096793, Y11449, AR066482, A60985, A60990, A60987, S65373, Y17188, A91965, D44443, AB007195, X15418, I69350, AF130655, AR027069, A10363, A20701, X73003, A52326, A04710, I08250, E04616, X13220, S83538, Y11447, AR063812, I07888, E06034, Y11920, Y11587, AL122049, AF156300, AR066494, AR060234, I03663, AL137271, A02711, AF183393, AL117585, AJ000937, I89947, I48978, U80742, AL137463</p>
1977	H2LAS29	887155	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 484 of SEQ ID NO:1977, b is an integer of 15 to 498, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AW408152, AW263155, AA360413, AA314512</p>

1978	HMEKH10	887172	<p>NO:1977, and where b is greater than or equal to a + 14.</p> <p>Preferably invention excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 4471 of SEQ ID NO:1978, b is an integer of 15 to 4485, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1978, and where b is greater than or equal to a + 14.</p>	<p>AW341677, T06373, AA923375, AI902953, AI016704, AI817516, AI963720, N92756, AL037683, AW303196, AW301350, AW274349, AI368745, AI345681, AI345675, AW088846, AI270117, AW271904, AA577748, AL045077, AI859946, AI267818, AI625244, AI679782, AW302048, AI570261, AW029038, AL044940, AI696962, AW162049, AI929531, AW276435, AA843450, AA587604, AI962050, AA828047, AI061313, AA878149, AA603323, AA502175, AW191886, AI457397, AW407578, AI370475, AW021116, AW088202, AI339850, AI814735, AI890348, AA501784, AW075511, AL038785, AI561060, AW263864, AA503258, AA904211, AL138265, AA533408, AA177061, AA601680, AI918421, AI567674, AI049722, F17700, AA490183, AF085833, U95822, AC006480, AC006441, AC005102, AP000553, AC002492, AL022328, AL020997, AC004217, AC004491, AC002350, AC003003, AC005736, AL133448, AL034555, Z98036, AC005081, AC004967, AL022318, U91326, AL121658, AC007666, AC005562, AC004659, AC005488, AC006011, AL049569, AC020663, Z95152, AL133355, AC004841, AF030453, AL031283, AL034549, AC007242, AC005011, AC002425, AC007055, AB023049, Z83838, AC008009, AF053356, AC002565, AC007192, AL132712, AC005666, AC005839, AL049795, AL033376, AL034423, AC005529, AL022165, AC004019, AC005088, AL024498, AL049830, AC004859, AC009516, AF001552, AL020993, U63721, AC006271, AC004228, AL021395, Z84480, AC004531, AC006449, AF001549, AC000052, AF031078, AP000502, AC004966, AL022313, U91323, AC004087, Z93241, AC005874, AF134471, AF030876, AC004878,</p>
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	AC007358, AP000503, AC007993, AJ003147, AC002477, AL035587, AC004216, AL096791, AF037338, AL021155, AL031602, AL121603, AL049869, AC008372, AC006312, AC002301, AC006132, AC004983, AC005229, AC007225, U82828, AL031681, AC004596, AC006013, AC005531, AP001052, AC006285, AC005154, AC006064, AC005920, AP000493, AL021937, AC005899, AC005764, AL031668, AC005578, AC004812, U95740, AC005004, AC004895, AC005940, AC005317, AC005722, AC003041, AC007216, AP000045, AP000113, AL117258, Z98200, AC004167, AC000070, AP000513, AC002426, AC002542, AL121653, Z85986, AC002310, AC005952, Z99716, AF134726, AC005280, AC005015, AL109952, AC003029, AL049779, AC005821, AC005057, AC006130, AC003043, U62293, AF111167, AC006581, AL034548, AC005071, AC005694, AC007899, AC005484, AC005844, AC004813, AC002395, AC002044, AL022326, AC002316, AC003665, AL096701, AL031680, AC004263, Z94721, AL022476, AL049843, AC006211, AL049766, AC007773, AC007308, AC006547, AC004382, AJ246003, AC006071, AL049780, AC005037, AC005520, AC002544, AC005519, AC007298, AC005193, AC002470, AL031577, AL031286, AC002558, AC004150, AC005089, AC008115, Z93017, Z86090, AC005086, AC004990, AP000501, Z98884, AC004796, AC005065, Z98750, AL078603, AC004686, AC002472, U95742, AC007021, AC005104, AL080243, U47924, AB003151, M63543, AP000050, AC006270, AP000036, AC004820, AC004084, AC000353, AL024507, AC002400, AC007114, AL031178, AP000031, AC007151, AC006160, AC004655, AC005295, AL022336, AC016025, AP000952, AC006001, AL133353, AP000133, AC005740, AF205588, Z77249, AL031230,

1979	HWLWR3 9	887192	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2472 of SEQ ID NO:1979, b is an integer of 15 to 2486, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1979, and where b is greater than or equal to a + 14.</p>	AC005911, AC002549, R69689 AI088434, AA621667, AI346645, AW263010, AI609518, AI625220, AW304172, AW029222, AI608891, AI813425, AW276382, AI827115, AW074235, AI858601, AW082804, AI985831, AA669865, AW170309, AA618054, AI795849, AI683880, AI281027, AI963363, AI623888, AI828889, AW192796, AI818478, AW188700, AW316981, AW183022, AI144179, AW738239, AI955571, AI128137, AA975350, AA523124, AA161208, AI952102, AW339226, AI589258, AA781230, AW337829, AA931097, AI682815, AI348149, AA745890, AI000902, AI187264, AI554320, AA284668, AI304724, AW369971, AI591155, AI149294, AW083724, AI274754, AA969848, AW026240, AI750653, AI433158, AI350439, AA158743, AW238819, AW192073, AA157530, AI357834, AA464119, AA883794, AW176385, AA554892, AI910051, AW362693, AW337353, AW362669, AW062307, AI750652, AI188344, T89676, AI370440, R74284, AI766050, AA100117, AI431334, AA583615, AA284669, AA973099, T29593, AI750507, AA463985, AA192627, AI273199, F06065, AI269833, AI702408, R24159, AI624229, AI583131, AA040727, AW338259, T19421, AW362710, AA345817, AI686279, AI471394, AI702510, AA894583, R39975, AI589449, AA886172, AW081126, AW362723, AW362732, AA195849, AI915757, AI754103, R74194, T19420, AA906982, R27515, AI932864, R80161, R10151, AI269834, AA039591, AA158183, AL042359, AA159558, AW369968, R10562, AA159112, R25662, AA039590, AI1978, E01560, E01559, E00924, E01238, E02114, D00244, E01467, A21571, A09202, A35395, A04029, X02760, I03932, I07013, E00178, A10915, A10916, AI83397, X02419, E00421, E02577, E02649, I08788,
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1980	HADME31	887280	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 901 of SEQ ID NO:1980, b is an integer of 15 to 915, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1980, and where b is greater than or equal to a + 14.</p>	E02832, E02493, E04897, E02578, I48917, E02708, E02579, E02709, E03404, E03403, E03405, X51935, K02286, E06063, I56011, L03546, X85801, E00853, A08501, E06847, E06846, E03402, I05760, X63434, X02724, X01648, X65651, A20747, A83180, AF097647, E01176, A76865, Z36790, I01583, E01603, I01586, E01178, E01604, E01177, E04615, A27451, A27452, E03605, E03858, A31147, A31179, A31178, A31148, A07733, A07732, A31150, A31181, A31151 AI376391, AW044644, AA435896, AI306612, AA824370, AA626315, AA991266, AI192974, N78952, AI401045, N78829, AI077370, AA448861, W68342, AA724792, AI708684, AI370929, AI015595, AI401211, AW043992, AA862620, AI201717, AW005929, AI498880, AI718029, AI333236, W93038, AI092949, AI147031, AI004135, W17346, AA027214, AI525556, AA447925, T98518, AA652731, AA585439, AA878662, W17259, D80253, D80043, D80219, D59787, D59275, AA401790, D80227, AI525316, D51250, W68383, D80240, AI541365, AA585356, D80045, D80210, D51423, AA585440, AI541510, D80134, AI535660, D59619, AI541508, D80391, AI526140, D80193, AI546855, AA585101, AI535639, Z30131, AI541523, AI546828, AI526180, AI541374, AI557731, AI541514, Z28355, D80196, C14227, D80949, AI557262, T11028, AI536138, D59927, AI546999, AI525306, AI557238, AI143531, AI547039, D80168, AI342055, D80366, AI541205, AA585453, AA585434, AI541535, AI541307, T11051, AA585476, D57491, AI556967, AI557799, C16300, R29445, AI525431, AI546945, AI540967, D81026, AI557082, D50995, C14014, AI541534, C16305, AI525856, AI525320, AI557808, AI525328, AI526194, C75259, AL040155, AL041346, AL041096, AL047012, AL041358, AI041277, AI041163
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	AL041098, AL040621, AL043538, AL041324, AL040464, AL044162, AL041086, AL043496, AL041296, AL041233, AI557084, AI546875, AI557787, AL039156, AL043441, AL041140, W25674, AL039150, AJ239433, AL038821, AL039085, AL040193, AI541013, AL043445, AI525653, AI526184, AA585155, AI535813, T24119, T23985, AL040149, AI546899, AL045725, AL041197, D61254, AL043612, T24112, AL039564, AL039538, AI557807, AL039108, AL039678, AI526196, AL039915, AL039074, AL038837, AL039625, AL039648, AL039629, T23888, AI541048, AL037726, AL038531, AL039109, AL040992, AL039924, AL040463, AL039128, AL044407, AL039386, AL036973, AL045337, AL037051, AL039509, AL045353, AL036725, AL039423, AI546891, AL047219, AL041227, AL039566, T23947, AL047057, D59889, AL039659, AL047170, T41289, AL040119, AL047036, AL041292, D55233, AL041159, AL041051, AL047183, AL040322, AL041131, AL046330, AL045341, AL041133, AI541509, AL041238, AL041142, AL045817, AL045794, AL039410, AL040529, AL040625, AL040510, R29218, AL042909, AL043467, AL044186, AL044037, AL040091, AL040128, AL040168, AL040255, AL040285, AL040342, AL040332, AL040617, AL045684, AL040745, AL041347, AL040370, AL043677, AL046442, AL040553, AL040839, AL041752, AL043444, AL043775, AL044165, AL043492, AL041602, AR017907, AR062871, AR062872, AR062873, I13349, A20702, A20700, A43189, A43188, A84772, A84775, A84776, A84773, A84774, AR067731, AR067732, A58522, A91750, U87250, A02712, A18053, A95051, I06859, A23334, A75888, I70384, A18050, A60111, A23633, AR007512, AR043601, A91965, A35537, A35536, A02136, A04664, A02135, A04663, E13740,

	A11245, I60241, E12615, A02710, I60242, AR035193, A07700, A13393, A13392, A92133, AR027100, I66498, I66497, I66496, I28266, I66486, I21869, A70040, I84554, I84553, I08051, A10361, I19525, A25909, A67220, D34614, X68127, AR025207, Y17188, A85396, I44681, A85477, A86792, A44171, AR038855, I66495, I66494, I66487, AB012117, A38214, I56772, I95540, M28262, AR066482, I68636, AR035975, AR035977, I66485, AR031374, AR031375, A85395, A58521, I18371, A60985, AR020969, A60990, A85476, A91754, A62298, AR037157, AR008430, AF082186, AR035974, AR035976, AR035978, AJ244004, AJ244005, AR008429, A49700, X81969, AJ244003, I48927, A62300, AR054109, AJ244007, A93016, A98420, A98423, A98432, A98436, A98417, A98427, D14548, AR038762, I63120, A98767, U94592, Y16359, A93963, A93964, A58524, AR036905, A58523, AR063812, D78345, Y09813, AR022240, A97211, X83865, I15717, A63067, A51047, A63064, A63072, I15718, AR068507, AR068506, I05558, I08396, AF118808, A95117, I08395, X73004, AR018924, AR018923, A48774, A48775, AR015960, AR000007, AR015961, X55486, I19516, S70644, D88984, A23998, A95052, AR043602, AR043603, Z96142, I00074, I92483, AR038286, E03627, A60212, A60209, A60210, A60211, I62368, A22738, A84916, A24783, A24782, I03665, A64081, I03343, I03331, I00682, D50010, A81878, I03664, A77094, A77095, A15078, E00523, D26022, A11624, A11623, E00609, A64973, I49890, A11178, E01007, AF156296, AR036903, D28584, E14304, I19517, A27396, A76773, A22413, E16590, A49045, E16678, A82653, E16636, Z32836, AF156294, E04616, I01992, AF149828, I25027, I26929, I44515, I26928, I26930, I26927, I25041, AR031488,

1981	HFVJL45	887399	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1413 of SEQ ID NO:1981, b is an integer of 15 to 1427, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1981, and where b is greater than or equal to a + 14.</p>	<p>II1321, I52048, I44531, A90655, X58217, Y11923, V00745, I44516, AR031566, A58525, I01995, AR038066, AJ230933, AF019720, I18895, E03165, Y11926, A20699, E00696, E00697, A60957, E03813</p> <p>AA429438, AI074616, AW008223, AI523733, AA963328, AI309184, AI910363, T57069, AA973222, AW009928, AI266526, AA664093, AI808681, AI033844, AA860930, AA256367, H49508, AI807270, R95740, AA256366, R95884, AW449536, AI027719, H80516, AI674127, AI202271, T57140, T11308, Z20897, AI247797, AA494323, AI866606, AI866611, H49507, R20117, T18508, T81888, AI247938, AI150468, T71213, AL119324, AL119399, AL134524, AW372827, AL119443, AW392670, AL119391, AW363220, AW384394, AL119457, AL119484, AL134528, AL119439, AL042544, AL119319, AL119497, AL119522, U46346, AL119363, AL119335, AL119496, U46350, AL134518, U46349, AL119444, U46347, U46351, U46341, AI142132, Z99396, AL119355, AL119483, AL042614, AL119396, U46345, AL134538, AI142137, AL134530, AL134519, AL134531, AL119401, AL079687, AL037205, AL042980, AL042896, AL043037, L48516, AC004022, L76193, AC005021, AB026436, AR060234, A81671, AR054110, AR066494, AR069079</p> <p>AF061056, AF084644, AF084645, AJ009937, AJ009936</p>
1982	HWLFES6	887421	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 697 of SEQ ID NO:1982, b is an integer of 15 to 711, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1982, and where b is greater</p>	

1983	HSWBP93	887475	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 509 of SEQ ID NO:1983, b is an integer of 15 to 523, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1983, and where b is greater than or equal to $a + 14$.</p>	<p>AA218952, AA422118, AI267777, AA761846, AA974489, AA249308</p>
1984	HSLJF91	887535	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 450 of SEQ ID NO:1984, b is an integer of 15 to 464, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1984, and where b is greater than or equal to $a + 14$.</p>	<p>AI525881, D78870, H11172, R19956, AA308077, AI591060, AA350839, AI557291, AF091352, A64392, AB021221, S82167, X62568, M32977, A64394, A64398, A64402, AF022375, A92244, A64400, X81380, M31836, M32976, AF071015, AF133248, A92248, S85192, AJ010438, A92246, M27281, A64396, A92242, AF214570, E13215, AF186236, E15157, M32167, M33750, S38083, X89506, AF133249, AF133250, M63974, A64404, AF215726, AF222779, AF215725, L20913, S38100, S37052, AF062645, AF106942, AF022179, S85199</p>
1985	HKLSC61	887803	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1219 of SEQ ID NO:1985, b is an integer of 15 to 1233, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1985, and where b is greater</p>	<p>AL039924, AL045794, AW013814, T02921, T24119, T24112, AL036630, D51250, D80043, D80253, D59787, D80219, AL039629, AL039625, AL039648, AL038837, AL039074, AL037726, AL039678, AL039108, AL039538, AL039564, AL039156, D59275, AL039659, AL039566, AL039509, AL039150, D80227, AL044530, AL038531, AL039109, AL038821, AL040992, H00069, AL043423, AL039128, AL044407, AL036973, AL045337, AL037051, AL045353, D80240, AL039386, AL039476, AL045341, AL039423, AL042909, AL043441, AL044412, AL039410,</p>

				<p>than or equal to a + 14.</p>	<p>AL044364, AL043445, AL038025, AL043422, D80210, AL036725, D51423, D80134, D59619, D80391, D80193, D59927, R47228, AL043586, D80196, D80949, C14227, AW450335, AL039521, AL039085, AL036196, T23947, AL037526, AI535783, AL037639, AW451070, D80366, D80168, AL037615, D80045, AI535983, AW452756, T11051, D81026, D50995, C14014, C75259, AL036767, AL036117, AL039459, AL039842, AL036924, D59889, AL037601, AI557751, AL036238, C15076, AL036733, AL037082, AL036679, AL038851, D80022, AL036418, D80038, T23659, AL037054, D80195, AL037027, AL036765, AL039504, AL036158, D58283, T11417, D81030, C14429, AW293068, D80188, AL037047, AL036964, AL036190, D51799, D80378, D59467, AL036650, F13647, AL036191, AL037104, T03269, AL037177, AL036998, AL037679, D50979, D80522, T48598, D80212, AL037178, C14298, AL036207, AL036227, D59502, AL037643, Z21582, AL036132, AL036167, AA285331, AL037600, AW450376, AA514190, D80164, C14331, D59859, D59695, D80166, AI021934, AL037124, D80269, AW206560, D80268, AL036152, AL042334, AL036174, Z25782, AL037021, D52291, D58253, D80024, AL048425, Z99396, AL036900, AL036139, D57483, AL044447, D59610, AL037085, D59627, D80241, AI910186, D81111, C14407, C14389, AW451416, H00072, T23656, AL037081, D51060, AL036228, AW178893, AA305409, AL037077, AL036268, D51079, AI763414, AL037569, AL036953, AW177440, AA305578, D51022, AW179328, AL039555, AW178775, D80014, AW378532, D80248, AL036808, AW352158, AW377671, AI905856, AW369651, D51213, D80251, D51097, AA514188, AL036858, AW178762, AW177501, D80064, AW177511, AL037002, AW360834, D80133, AA514186, AW360811, AI557774, AW378540, AW352117, T02974, Z25783, AL039417, C05695,</p>
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	AW176467, AW375405, AL044413, AW135155, D80132, AA809122, AW366296, AW179332, AW360844, AW360817, AW375406, AW378534, AW377672, D80439, AW179023, A85396, A25909, X68127, A85477, A86792, A44171, AR062871, A84775, AR062872, A84772, AR037157, AR062873, A84776, A84773, AR017907, A84774, AR067731, AR067732, A20702, A58522, A91750, A43189, A43188, A20700, AJ244003, AR036905, AR025207, A95051, A98767, A38214, A95117, A95052, I56772, I95540, AR018924, AR031374, A93963, A93964, A63067, A18053, A51047, A63064, AR018923, A49700, I18371, A48774, AR031375, AR043602, A63072, AR043603, AR043601, A48775, A23334, AR068507, A75888, I70384, AR068506, A18050, A60111, A23633, AR015960, A23998, AR007512, AR000007, AR015961, A58521, I63120, I60241, I60242, I03343, AR020969, AR054109, AR022240, A81878, A58524, E12615, AR035193, A92133, A24783, A24782, A58523, E14304, A27396, AR027100, I28266, I06859, A49045, E16678, A82653, E16636, AR038762, A93016, I25027, I26929, I44515, I26928, I26930, I26927, A58525, E13740, I49890, AR000006, I44516, A58526, A91753, AF156296, A10361, E06034, AF156294, A64081, A67220, U87250, A13038, A29289, AJ244004, D34614, AR008430, AR029417, A71435, AB012117, I13349, Z96142, A97211, A07699, E08322, I74623, A71440, V00745, AF156303, Y17188, A02712, X73004, AR028669, AR028668, AR028667, AR017908, AR028670, A68112, A68104, AR067733, AF118808, I62368, AR031488, I13521, AJ230933, A98467, AR029418, I52048, I44531, AR067734, A84746, I66495, I66494, A60109, A17115, A18079, AR028672, I66498, I66497, I66496, AR038066, I50882, I66486, I66487, I15353, I19516, A83643,

1986	HLJEA63	887857	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1569 of SEQ ID NO:1986, b is an integer of 15 to 1583, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1986, and where b is greater than or equal to a + 14.</p>	<p>AR036903, A11245, A02710, A35536, A35537, A07700, A13392, A13393, I19517, A02135, A04663, A02136, A04664, E03165, A97155, A76773, A22413, D28584, A70040, I21869, I01992, AR066482, AJ244005, AR028564, A83151, I08051, I00081, I00074, A98420, A98423, A98432, A98436, A98417, A98427, A15078, Y11926, I03665, I03664, Y11923, I01968, A13388, E00974, A02228, E00954, E00952, E00953, E00955, I08049, I43960, AR021440, E02221, E01614, E13364, I08776, A10360, E02679, E02104, E02098, A92666, E02001, E01718, E02003, E02102, E03550, E02096, A28163, E02100, E01997, A58998, E02291, E02292, E02293, E01999, E02396, E02327, E01563, E02431, E01693, E01696, A92668, AR005163, AR005154, AR005157</p>
				<p>A1148864, AW080794, AW170514, AW006431, A1832265, A1188759, AW001480, AW168034, AW129649, A769641, AW172714, A1598083, AA552439, A1587171, A1151456, AA151778, A1684150, A1339143, AA621571, A1221080, A1279608, A1347951, AA512993, AW243807, A1471439, AA627704, AA973368, A1346482, A1050852, AA194025, AA410196, A1262321, A1829191, A1344709, AA808606, AA832492, A1984534, AA149786, A1189417, A1446633, A1828290, AA580361, A1206376, A1924092, T98835, AW273245, A1300760, A1271915, AA133687, A1074095, AA659629, AW450853, W07258, A1435798, AA976596, AA603691, AW292998, A1950654, AA875879, A1244806, N29871, AA948384, AA946812, AA862576, A1804146, A1982855, AA812251, AA888824, N79741, A1832503, AA133726, AA577501, AA297383, A1220826, AA297386, AA535896, H95187, W79526, AA287234, AW190388, AA631290, AA908173, R47933, AA872504, AA496489, A1301669, AA297379, AA427910, R69472, AW004671, AA284504, AA746077,</p>

	AA989485, T98916, AA487702, AA297484, AA297153, AA464649, AA292774, AW170481, AI963760, W79558, AA394263, AI986058, AA903542, AW079683, AA487488, T98961, AI342966, AI982682, U46323, AA287210, AA297527, AA341051, AA861541, AA297453, AA557937, AA133595, AA464548, AA553875, AA486446, AI275661, AI719497, AA496440, AA481372, AI673125, AA565649, C21003, AA428283, T53668, AA298491, AI749779, AA421514, AW007555, AA411012, AI273816, N57294, AA340864, AA133686, AA327635, AA411355, AJ011497, AC003688, AF087825, AL137550, I89947, AF069506, AL137480, I48978, AF159615, A70386, AF102578, A77033, A77035, A08910, A08909, AL050024, X83544, AL049347, AL137459, AF177401, AR038854, AF026816, A08913, Z37987, U73682, AL110280, A58524, A58523, AL122110, AF183393, Y14314, AL117435, AL080159, AL035458, AL122050, AF124728, U80742, AL137548, Z97214, AL137539, AF087943, AL117457, AR068753, AL137533, AR034821, AF113019, A07588, S36676, S83440, E02221, X82434, Y16645, AL133113, U35846, Z82022, I25049, AF185576, AL080126, AF057300, AF057299, AF013214, AL136884, I48979, AF082526, I33392, A76335, A08916, A08912, AL137292, AF008439, I89931, S63521, A65341, AF090903, AL080148, AJ005690, I49625, AF119336, AJ000937, AL117460, AF100752, X63574, AL133112, X63162, AF185614, AL122118, AF113677, AL117587, AL137271, AF111849, AF026124, AF180525, AF002672, U49908, AL117635, AF097996, AL049382, AL050172, AL110296, I66342, X83508, A15345, AF113689, AF067728, X80340, AF039138, AF039137, AL122093, AL050138, AF106862, AR011880, AL133623, AL137463, S61953, AL137283, AL050149, AL133619, AL137521, X72889, AL137478, AL137560,

1987	HWLOA40	887892	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 507 of SEQ ID NO:1987, b is an integer of 15 to 521, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1987, and where b is greater than or equal to a + 14.</p>	<p>AF079763, AL110221, I25048, AF162270, AL117648, L13297, AR000496, A93914, U39656, AF090900, I09499, AF182215, AL133560, AB031064, AR020905, AL133637, U92992, AF100931, X66862, AF054599, AL049938, AL133557, A93350, AL096744, AL050146, AF061981, A52563, X66366, AJ012755, AL080118, X61970, U75932, AF113694, E03348, AL133080, AF051325, U58996, X84990, E01314, AF118558, AL049452, AL133031, AF061573, AF124435, AF076464, AL050277, A65340, AL049283, I33391, AL137530, M30514, L30117, S82852, AL133075, AL137558, AL117440, AL049447, AL133067, AL133084, AL137557, AF118070, AL133640, AL117626, I26207, AF111851, A45787, AF106657, X98834, AF017437, A08908, AL049300, AL080146, E02349, AL137554, AL080074, AB007812, AL137529, Y09972, X57084, AL023657, X93495, AL137555, AL133049, A03736, AF104032, I68732, I00734, AL133559, AF090934, AF145233, AL049430, AF113699, AF162782</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 507 of SEQ ID NO:1987, b is an integer of 15 to 521, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1987, and where b is greater than or equal to a + 14.</p>	<p>AA298484, AA297176, AA297147, AW001287, AW300770, AI691072, AA563933, I95745</p>
1988	HCQCF10	887936	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>W15466, AI862531, AI823607, D80998, AA115712, AA410501, H66313, W37614, AF131758</p>

1989	HAIBW90	887996	<p>the general formula of a-b, where a is any integer between 1 to 332 of SEQ ID NO:1988, b is an integer of 15 to 346, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1988, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 938 of SEQ ID NO:1989, b is an integer of 15 to 952, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1989, and where b is greater than or equal to a + 14.</p>	<p>AI185821, AA481723, AA626700, AW367390, AA313767, AA195688, AA315033, AA479334, AA989012, AA479641, AA479335, AA165042, AI400160, AW370132, AI924188, AW015034, F06368, C15288, H89161, AA364967, AW262875, AI566873, AA371283, AI566669, AI864174, AA304171, AI337891, AA295611, AA363869, T34361, C16344, T35252, AA374955, C16080, AI758577, AA406614, AW131846, AI811951, T19059, AW087747, AA777509, AA934901, N40173, R46865, AW157527, AI374781, AI379523, H64413, AI371781, R78607, AW173107, AA532727, AI742506, AA195689, AA235284, AA363917, AI801399, AI081113, AA295789, AI742505, AI087379, AA527113, AA527036, AA373921, AI952545, AI269215, AI245243, AA302499, AI792601, AA600140, AI040546, H92421, C16267, AI805770, Z24901, AA625963, AI139790, AI360032, N40209, AI084568, D57610, AI753737, C16455, R35721, AA159931, AI024890, AI869836, AI829158, AI804015, AA477326, AA430365, AI640196, N30689, AI371005, AA478600, AA256968, AA021044, AA657967, AW072764, N41298, AA905154, AA758776, AI955815, AA865424, AI857650, AI091988, AW242058, H92638, AA234867, AI864141, AA252106, AA424350, AA302462, AI468749, AW090440, AI336687, AA732498, AA302463, C16184, R78608, AW085952, AI934133, AI269595, AI422703, F05286, R46768, C16334, AB006077, AF006484</p>
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1990	H2CBE03	888041	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 592 of SEQ ID NO:1990, b is an integer of 15 to 606, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1990, and where b is greater than or equal to a + 14.</p>	AA307070, D80268, D80366, F13647, C14389, C06015, D80522, AA305578, C14227, AW369651, D50995, AW177440, D51022, D81026, C14331, D81111, D80391, D80248, D59787, AW178986, D58283, D59619, D80210, D80240, D50979, AA514188, D80195, AA305409, D80196, D59859, D80022, D80043, D80166, D59927, D59467, D51423, D51799, D80164, D59275, D80253, D80038, D80227, D59502, D80212, D81030, D80219, D51060, D80188, Z21582, AA514186, D59889, D80439, C15076, D59653, D80269, D59610, D57483, D80193, D80045, D80024, T03116, D80247, D80064, AW378533, D80378, D51759, D80241, C14014, T03269, AW178893, D80133, AW178906, D80302, D80168, C14407, D80157, AW360811, AW178759, D51103, C75259, AW378540, D80251, D80949, AW352120, AW377671, AW375405, C14298, AW179328, C05695, AW378532, D52291, D45260, AW366296, AW360817, T02974, AW179020, AW375406, T48593, AW378534, AW179332, AW377672, AW378528, AW179023, AW178905, AW352158, D51250, AW177731, AW178762, AW178754, AW179019, AW179024, D59373, C05763, D51213, AI557751, D80134, H67854, C03092, H67866, D80132, AA809122, AW179004, AW360834, T11417, D59627, AW177456, AW377676, AW352171, AW352170, AW178907, AW178908, AI525923, C14077, AW367950, AW378520, C14973, C14344, AI525917, D59317, D58246, D80258, AW179012, AW178980, D80014, AW177733, D59503, AW179018, AW178914, AW178774, C14046, D51221, D60010, D59474, AI557774, D58101, AI525920, AA514184, AW378525, AI535686, AW378543, AW178911, AW352163, C14957, AW178781, D59551, AI525227, D80228, AA285331, AW177728, AI525235, C16955, AI525912, AI525922, AI905856, D45273, AI525242, Z33452, AI525925, AI525237, AI525215, AA305720, AW378542, C13958,
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1991	HE9QI19	888051	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1083 of SEQ ID NO:1991, b is an integer of 15 to 1097, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1991, and where b is greater than or equal to a + 14.</p>	<p>H67858, T03048, AI525222, T02868, F13796, AW360855, Z30160, D31458, D51053, D79997, L76158, X95351, AJ132110, A84916, A62300, A62298, AR018138, AR008278, AF058696, AB028859, A82595, AR060385, I82448, AB002449, I50126, I50132, I50128, I50133, X67155, Y17188, D26022, A25909, A67220, D89785, A78862, D34614, Y12724, AR016514, X68127, A94995, AR060138, A45456, A26615, AR052274, AR066488, Y09669, A43192, A43190, AR038669, I14842, AR008443, AR066487, AR054175, D88547, A30438, Y17187, A63261, X82626, AR008277, AR008281, D50010, AR062872, A70867, AR016691, AR016690, U46128, AR016808, AR008408, AR025207, X64588, A64136, A68321, I79511, D13509, AR060133, I18367, AF123263, AL043100, AL045367, AL042404, AA326785, R34387, AL042017, U82535, AB027132, U72497, AF098012, U82536, AF097999, AF098010, AF098011, AL050372</p>
1992	HJACE25	888063	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 889 of SEQ ID NO:1992, b is an integer of 15 to 903, where both a and b correspond to the positions of</p>	<p>AL110457, AA311008, AA732444, N40873, W95689, AW027795, AI521613, AI282709, AA313089, AI694158, N30086, AA278139, AI419081, AA767732, AI918715, D80391, D80196, AI282428, D59787, D51423, D80227, D59859, D51799, D80038, D80269, D80166, D80253, D59619, D80210, D80240, D58283, D80188, D80212, D81030, D57483, D80195, D59889, D80219, D59610, D80043, D59467, D59502, D59927, D80022, D80366, D59275, D80193, D80241, D80378,</p>

			<p>nucleotide residues shown in SEQ ID NO:1992, and where b is greater than or equal to a + 14.</p> <p>D80024, D50995, D50979, C75259, C14429, D80164, T03269, D80045, C14389, C14331, C15076, C14014, D51060, AA305409, AA352266, D80134, AW178893, D51250, C14227, D81026, D80949, D80268, F13647, D58253, AW178775, D51079, AW177440, D80168, D51022, D80522, D81111, AW179328, Z21582, AW352158, AW378532, AA305578, D59695, AW177501, D80251, AW177511, AW369651, AA557885, D52291, D80248, AI905856, AW178762, AA514188, C14298, D80064, AA514186, D80133, AW352117, D51097, AA285331, AW360811, AW378540, AW377671, C14407, AW375405, AW360844, AW360834, AW366296, D80439, D80132, AW360817, AW375406, AW378534, AW352171, AW179332, AW377672, AW179023, AW377676, AW178905, AW178754, AW179018, AW179024, AW179220, AW177505, T03116, AW360841, AW179020, D80302, AW178909, AW177456, AW352170, AW178906, AW177731, AW178907, AW179019, AW178971, D80247, AI557751, AW179004, AW179329, T02974, AW352174, AW179012, AW178980, D80014, AW177733, AW378528, AW178908, AW378543, T11417, D80157, AW179009, AW178914, AW378525, D51103, D51759, AW367967, AW178983, AW352120, D58246, AW177728, AW178774, AW178781, AW178911, AW352163, D58101, C06015, AI557774, T48593, AW378539, D80258, D59503, D51213, D59627, D45260, H67854, D50981, AW378533, AW367950, AW178986, AI525923, D45273, C03092, H67866, AA809122, AW177734, AI525917, Z33452, D59474, AI525920, D51221, D59317, C14344, C14973, AA514184, T03048, AA033512, AI525227, AI535686, AW179013, AW178759, D59551, AF080255, AF073771, A62298, A84916, A62300, AJ132110, X67155, AR018138, D89785, Y17188, A67220, A78862, D26022, A25909, D34614, D88547, AR025207, AR008278, X82626, AF058696, AB028859, AB012117, Y12724, X68127, A85396, AR066482,</p>
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1993	HMWIR85	888153	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2985 of SEQ ID NO:1993, b is an integer of 15 to 2999, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1993, and where b is greater than or equal to a + 14.</p>	<p>A44171, A85477, I19525, A86792, A82595, U87250, X93549, A94995, AR060385, AB002449, AR016808, AR008443, I50126, I50132, I50128, I50133, AR066488, AFL135125, AR016514, AR060138, A45456, A26615, AR052274, Y09669, A43192, A43190, AR038669, AR066487, AR066490, A30438, I18367, D88507, I14842, AR054175, AR008277, AR008281, D50010, Y17187, X64588, AB033111, A63261, AR064240, AR008408, AR062872, A70867, AR016691, AR016690, U46128, D13509, A64136, A68321, AR060133, I79511, Z32749, U87247, AB023656, AFL123263, X93535, AR008382</p> <p>AA195033, AW150723, AI805372, AI826894, AW245532, AW250255, AW269478, AI929681, AI814415, AI984552, AI081263, AW178616, AW352048, AW352014, AW250589, AW178530, AI688093, AW352019, AW178493, AW178640, AA881507, AW178500, AI146435, AW178537, AA514698, N51685, AW352042, AW352039, AW366094, AW352051, W44438, AW178535, AW178604, AI608989, AW178504, AW352041, AW352035, AA936386, AA573323, AW178641, AW178529, AI566475, AA928767, AI963685, AW178642, AA826410, AW178605, AA648798, AA250731, AW178506, AI360338, AA865431, AI342420, AI439684, AI351346, AI039102, AI355698, AI870134, AI308956, AI820041, AW178495, AA502283, AI015535, AI096589, AI683046, AI884370, AI473866, AW178634, AW178667, AA495743, AW178531, AW178614, AA196630, AA533557, AA122301, AI090332, N53164, AA024938, AW178637, AI370758, AW178536, AW366100, AI832020, AI859889, AI571925, AI274028, AA024855, AA206040, AA583100, AW178507, AW178533, AW178615, AI289830, AW352018, AA636082, AW178672, AI220039, AA654736, AI831555,</p>
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1994	HCRPV38	888254	Preferably excluded from the	W68102, AA005336, AA447946, AA101751, W67683,

			<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 324 of SEQ ID NO:1994, b is an integer of 15 to 338, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1994, and where b is greater than or equal to a + 14.</p>	<p>AA889641, AF057172, Y11151, AP000351, AP000350, Z84718, AP000352, AF057173, L38503, D38556, D10026, U48419, U48420, X98056</p>
1995	HSRBB92	888402	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2332 of SEQ ID NO:1995, b is an integer of 15 to 2346, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1995, and where b is greater than or equal to a + 14.</p>	<p>AI992179, AW188159, AI926499, AI926498, AI763400, AI421095, AA862284, AI720384, AI869696, H38016, AA831687, AA307183, AI018137, AA486789, AA974505, AI090091, AA452882, AA884683, AI740894, AA432181, AA159901, AA918138, AA758089, AA974498, N21230, AA905692, AI123002, AI923636, AI361685, AA431160, AI188033, AA664029, AW366681, AI318079, AI015094, AI125440, N27905, AI239567, AI720492, N27509, W70189, AA129411, AA486964, AA047262, AA745630, AA962542, AA622987, AA761345, AI476363, AW3661963, AA165010, AA136547, AA826442, W27215, AA173158, AI358157, H53700, AW407265, AA953388, N21070, AA768158, R51769, AA515123, AA063525, R70834, AI220536, F37121, AA845912, AW407373, W22674, AI381262, R51770, R32559, W70062, H53699, Z40510, AA854028, AA214484, AA905868, T81857, AA831837, AI497849, AI936784, AI184454, H65537, W02660, W25730, AA908937, C02652, AA355806, AA883739, C03254, W23216, R91464, AA983747, F24286, AI091283, AA040178, AI221931, AA632020, AA680078, R70782, AW340183, N63460, R72023, AA214403, AI910370, AA359073, AA969208, AA977551, AI292225, AA993649, AI828995, Z44657, AA359273, AA057148,</p>

1996	HSYEA10	888523	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2007 of SEQ ID NO:1996, b is an integer of 15 to 2021, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1996, and where b is greater than or equal to a + 14.</p>	AA707548, AW340816, AA613385, D61871, H38242, H81487, AI218047, AI190091, AA453052, AW138451, AW294322, AW452108, AI766143, AW140098, AI832222, AW292106, AJ271408, AF132938, AF106798, AI133631, AR007449, U39643, AF094700 AI037890, AW003999, AI858060, AW084608, AI589010, AW304188, AW117854, AI038497, AI452673, AI743739, AI147810, AA181048, AA187507, AA081006, AA082736, AA187264, N94407, AA187361, AA181882, AI079886, AA181880, AA188249, AI445147, AI471432, W49496, AA100829, AA503656, AA081230, AA182826, W47343, AA182830, AA181134, AI085755, AA132297, AI076956, AI613182, AA081149, AA188049, AA186634, AI081490, AA186808, AI918426, AA186376, AA081282, AA082516, AA186389, AA081208, AA582862, AA147528, AA157628, AI082493, AI282835, N94510, W49497, AA181875, AA191501, AA083542, AA157752, W47445, AA101069, AA186754, AA081283, AA182682, AA186393, C06085, W39354, AI800644, AA157468, AA186973, AA374217, AA386155, W23960, T27821, AA083575, AI654536, AA308204, W52714, AA852603, AI270203, AA188296, AA852324, AA852602, AA143331, AW449628, AA083541, AA372360, AA158121, AA186524, AA304334, AI932880, AA187348, W60270, AA308786, AA188042, AA157416, T18504, AA143201, C02231, C02091, AA156273, AA157642, AA100067, W56826, W56827, AA514656, AW376428, W31070, AW376420, AI912469, X54925, X05231, I01070, AF148882, X54724, X58256, A47086, U78045, S75623, M17821, M15996, M17822, M17823, M16567, U78629, AJ002550, M25663, AR040773, AF023338 AW368993, AI638166, AW297766, AI041204, AL042348, AI478737, AI760185, AI830441, AI126299, AI217176, AI092924, AI799277,
1997	HE2CC22	888673	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	

1998	HOUAC22	888708	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1941 of SEQ ID NO:1997, b is an integer of 15 to 1955, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1997, and where b is greater than or equal to a + 14.</p>	<p>AI857759, AA993596, AI381442, AI620345, AI027099, AA743334, AI827435, AI138805, AA136171, AI285950, AI635387, AA664373, AI027427, AI015864, AI222122, AA843185, AA976953, AW021642, AI685358, AW195005, AI206601, AW023027, AW450169, R80985, AA813995, T78995, AA912496, AA926963, AW451943, AI249890, AW269181, AW026792, R68431, AA731014, AW074050, AA922059, AA757551, H12605, AA689507, W79832, AA412149, AW135157, AW071659, R49066, AA056573, AA278795, H91438, AI567760, H12655, AA804916, AA040923, AA721747, T78939, Z41658, AI767505, AA766306, AA987389, AI538809, R68430, R26542, AA056678, AA353814, H91332, R80785, R25352, AA361014, AA536104, AI699602, R57916, AA278600, AA040922, AB007949, X65024, D21089</p>
1998	HOUAC22	888708	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1144 of SEQ ID NO:1998, b is an integer of 15 to 1158, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1998, and where b is greater than or equal to a + 14.</p>	<p>AI821479, AI739517, AW082828, AA533173, AI198451, AA532999, AI821509, AI791624, U25936, AA315607, AI000331, AW139172, AA358875, AI125295, AI216275, AW005074</p>
1999	HHECU01	888720	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1113 of SEQ ID NO:1999, b is an integer of 15 to 1127, where both a and b</p>	<p>AA853396, AC005041</p>

2000	H2LAP34	888783	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1999, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 464 of SEQ ID NO:2000, b is an integer of 15 to 478, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2000, and where b is greater than or equal to a + 14.</p>	AA314278, AA315476, AA133008, AW301013, AA314092, AA386092, AA411572, AA427682, AA315987, U46281, W76038, W42816, AA314613, AA477668, H52355, C17482, AA477851, AA481359, R83104, AA410758, W02292, W79944, AA329443, R46315, W07627, AW366382, AA335138, R83126, AA302305, W19402, H27934, AA659027, AA411998, AA151635, AA366470, AA358810, AA053648, T49358, AA378171, R48529, AA159070, AA838273, T62103, AA429117, AA158752, AA134180, AW376226, AA149262, AA410673, U92985, AR065358
2001	HNTAR08	888950	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1247 of SEQ ID NO:2001, b is an integer of 15 to 1261, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2001, and where b is greater than or equal to a + 14.</p>	AW236102, AA218985, AA906740, AA737950, AA220991, AA926805, AA206111, AA206112, AI653195, AA865714, AA220997, AA968722, AA218991, AI962654, AI357043, AI652879, AI970161, AW025944, AA902285, AI655507, AW003483, AA902779, AI824839, AI917697, AI671508, AI962316, AA074560, AR040708, S52658, AR040709
2002	HWLWH6 6	889136	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1517 of SEQ ID NO:2002, b is an integer of 15 to 1531, where both a and b</p>	AI694583, AA280341, AW369780, AI572844, AA968512, AI250884, AI798375, AI370669, AW181892, T06923, AW293265, AA947819, AA598509, AL035420, AL050030, AL022727, AC004129, AC005082

2003	HWLCJ12	889263	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:2002, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2319 of SEQ ID NO:2003, b is an integer of 15 to 2333, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2003, and where b is greater than or equal to a + 14.</p>	<p>AI632964, AA826324, C06338, AI547059, AA622862, AI890787, AA775044, AA621523, AA585439, Z28355, AI525556, AI541374, AA585453, AI535639, Z30131, AI546999, AI546855, AI541514, AI525316, AI541510, AI525306, AA585101, AI541523, AI557731, AA585434, AI541534, AI541365, AI526140, AI541509, AI546828, AI525431, AA585440, AI556967, AI526194, AI541017, C15189, AI540967, AI547039, AI557262, T11028, AI557807, AI541535, C16300, AI557799, AI541205, AI546945, D61254, R29445, AI541307, AI535813, AI557787, AI546899, AI557238, R28735, AL040510, AL040625, AL045817, AL041142, AL041238, AL041133, AL047183, AL040322, AL041131, AL046330, AL041051, AL041292, AL040119, AL047036, AL047170, AL047057, AL047219, AL041227, AI525653, AL040463, AL039915, AL043612, AL041197, AL040155, AL041346, AL040529, AL041096, AL047012, AL041358, AL041277, AL041163, AL041098, AL040621, AL043538, AL041324, AL040464, AL044162, AL041086, AL043496, AL041296, AL041233, AI526180, AL043467, AL041159, AL045725, AL044186, AL041140, AL040193, AI557082, AI526196, AL044037, AL040091, AL040128, AL040168, AL040255, AL040285, AL040342, AL040332, AL040617, AL040553, AL045684, AL040745, AL040370, AL043677, AL046442, AL040839, AL041752, AL040149, AL043775, AL044165, AL043492, AL041602, AL045920, AL041278, AL038838, AL040253, AL044074, AL041635, AL045990, AL040458, AL044199, AL044187,</p>
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	AL040090, AL040263, AL040294, AL040329, AL040082, AL044272, AL041186, AL040148, AL041730, AL041523, AL043627, AL046392, AI525320, AL041374, AL040052, AL043845, AL043537, AL039338, AL042135, AL044064, AL038983, AL039316, AL043923, AL043814, AL043848, AL041459, AL043570, AL041577, AL044258, AL044201, AL046850, AL038532, AL040768, AL037727, T23985, AL040576, AL046994, AL040414, AL040571, AL046914, AI142134, AL045753, AL044274, AL079878, AL049018, D57491, AL040444, AL039744, AL045857, AL038822, AI541508, AL045671, AL046327, AJ239433, AL041168, AL049069, AI557796, AI546891, AL043444, AL041246, AL040472, AI546875, AI535660, AL040238, AL041955, AL041347, AL038761, AI541048, AL040075, AA585476, AA589356, AI540920, T23957, AI526184, C16305, T41289, AL080031, AI541013, AL045989, AI536138, AL046147, R29177, AI526073, T23888, AI557155, AI541345, AL042096, AL037436, AL044529, AI525328, AI526187, AL039643, AI525203, AL037435, AL039360, AI557808, AI541415, AL044125, AI557279, D55233, AI541390, AI174170, R29218, AL079852, T18597, AI525339, AI557802, AI525856, AL045211, AI541356, AI525321, AI526195, AI541346, AI541506, AR017907, A25909, I13349, AR062871, A91965, AR038855, I18895, AR062872, AR062873, AJ244004, A85395, A85476, AF082186, AJ244005, AJ244003, A20702, A43189, A43188, A20700, AR037157, X81969, I63120, A98767, A93963, A93964, A98420, A98423, A98432, A98436, A98417, A98427, Y16359, AR008429, AR038762, D78345, I44681, A86792, A93016, X83865, A84772, A84776, A84773, A84775, A84774, AR054109, AR067731, AR067732, A58522, A91750,

	A18053, M28262, I15717, I15718, E03627, AJ244007, A58524, I49890, I48927, A58523, A02712, A77094, A77095, I84553, A81878, A95051, I84554, A18050, A23334, A75888, I70384, A64973, A60111, A23633, AR007512, I08396, I00682, A11623, A11624, E00609, E13740, A11178, E01007, A10361, A60212, A60209, A60210, A35536, A35537, A60211, A02135, A04663, A02136, A04664, I62368, I08395, I06859, AR043601, A11245, U94592, I03331, A02710, E12615, AR035193, E14304, A07700, A13392, A13393, AR031488, I13521, I52048, A27396, AR027100, I44531, I28266, I21869, I44516, A70040, E16678, A82653, E16636, A24783, A24782, A92133, A95117, A90655, AFI49828, I01995, I08051, AR031566, I25027, I26929, I44515, I26928, I26930, I26927, I60241, I60242, E00697, A20699, E03813, I66482, AR009151, I66485, I66483, I66484, I66498, I66497, I66496, AR027099, I66487, I66486, AR038066, E00696, AR051652, AR051651, Y09813, Z32836, AJ230935, D50010, AJ230902, I66495, I66494, I05558, AJ230972, I66481, A83642, A83643, I66488, I66489, I66490, I66491, I66492, I66493, A83151, AJ230951, AJ231009, A22738, I08389, X07299, A70872, D13316, I19525, AR035975, AR035977, D13509, AB025273, I18302, AR051957, A70869, E12584, AR035974, AR035976, AR035978, AC005913, E17098, AJ231028, A91752, A22734, AR022273, AJ230867, AR064707, AR054723, A32110, AJ230845, I36244, AR051864, AF006072, X55486, AR051865, A06631, S60422, A62298, AR009152, AR050070, X82786, AJ231011, U87250, Z30183, A68112, A68104, A82595, A82593, I15353, AR063812, A24548, A24546, Y14219, AR027319, A91751, AR027318, A06419, A21892, A23997, A68114, A89633, A89634, A21895, A05160, A08030,

2004	HNGEF72	889299	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2385 of SEQ ID NO:2004, b is an integer of 15 to 2399, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2004, and where b is greater than or equal to a + 14.</p>	A20502, X87559, I05488, I61310, A60961, A60977, AR002333, A60985 AL04543, AI791864, AI792362, AI887776, AW118108, AA132199, AI110605, AI239787, AI806055, R71461, AA306731, AA034255, H53686, AI741660, H82553, N28450, AI452969, AA318128, C16668, H49190, AW043837, AA251931, AW051344, H43461, AI167640, AA001337, AA025373, AI082161, H27161, AA328744, AI203499, AA156782, U25759, AA303132, AI638569, AI052532, AA091675, R99679, AI278003, AI720617, AW051583, AA804776, AA319103, AW148694, AA029525, AW247858, AW021737, AI140193, AW055259, AA565273, AA642437, AI240825, AI248594, H72148, AA156851, AA573394, AA029460, AA359482, T50440, AA018596, AA214611, AA634569, AA725707, AA709248, AA536183, AW082332, AA361479, AA447253, AA447268, AA353770, AI567232, AA962385, AA709244, AA767996, AI766591, AI358947, C18192, C16865, AW193910, AW235731, AA707012, AW304793, AA352835, AI939507, R10615, AA382271, AI061368, R08159, AA669229, AI085658, T91022, AW206558, R86259, AI276029, AI561192, N74387, AA131938, N74439, AW439563, AA013432, AI753280, AI267829, AI189108, W04994, R28492, N52383, T85708, AL031769, AC007970, AL034426, AC005697, AC002065, AC008082, AC006010, AC009286, D87009, AC009241, A90827, Z92545, AC009399, AJ243211, AL022400, AC004460, AL021917, AC004382, AC006522, AC007270, Z99569, AC005323, AC006083, AC005681, AC007788, Z98751, AC005731, AC000085, AL031684, AC009396, Z97180, U40455, AL117351, AC006024, AL109954, AC009514, AC006500, AL132994, Z98172, AC002094, AC004553, AC004993, AC006153, AC005488, AL034347, AC003681, AL109654, U66083, AF109718, AC004844, AL031672,
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	AC006151, AJ006995, AC006518, U82672, AL078643, AL021878, Z98748, AC000100, AL023806, AL035409, AC007002, Z81009, AC002523, AC007967, U82696, AC006084, AC004875, AL133162, AL133216, AC004909, AC009300, AP000154, AP000012, AC002497, AC006007, AC006080, AC000055, AC010168, AL035534, Z86064, AC003046, Z82170, AC005006, AE000659, AC005157, Z83745, AL132776, AC006166, AC003086, AL109922, AC006957, AB023051, Z77853, AP000512, Z97206, Z77249, AL110292, AL136295, AL121756, AB026899, Z84478, AL022318, AC004006, AC006062, Z84486, AC004112, AP000500, AC006370, AC007786, Z95114, AB019440, AF064859, Z95115, AC007253, AC006484, AC006262, AL021408, AL021997, AL031683, Z84718, AP001068, AF064858, AC004948, AC006504, AC007785, AP000542, AC006366, AC004047, AP000351, AC006017, AJ011932, Z84814, AC011422, AP000350, AC005562, AJ011930, AL109985, AC005010, Z98949, AC008170, AC007151, AJ239321, Z98304, Z80361, AC010436, AC007030, Z95703, AC006118, Z72001, AL022160, AB003151, AP000688, Z83839, AC005534, AL034399, AF000573, AP000689, AC002386, AC003029, AC005228, AC005185, AC009946, AC007099, AL031662, Z75889, AL034421, AC004825, U80460, Z95152, AC006840, AC005870, AC007999, AE000658, AP000352, AC005886, AC005365, AL080317, AL132800, AC004385, Z84470, AC002449, AL008729, AL117339, AL023799, AC003082, AF205588, Z96050, AC007878, AL049766, AC005326, Z72004, AL035688, AC002485, Z99716, AL049813, AC004924, AC005066, AF090890, Z93931, AC007676, AL009028, Z72522, AC005145, AC004551, AL133249, AC005252, AF198098, AC005945, AC018633, U85198, AC004662, AC004474, AE000661, AC007751, AC004095, AC006036, AC009181, Z98753, AC006968,

2005	HKAEB46	889300	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1902 of SEQ ID NO:2005, b is an integer of 15 to 1916, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2005, and where b is greater than or equal to a + 14.</p>	AL031116, AL109748, AP000078, AC007455, AL031586, AC002349, AL022574, AC004872, AL031393, AC004452, Z99497, AL137624, AL079342, AB020871, AC006463, AC006984, AC006167, AC004389, AC004915, AB023050, AP000511, Z96774, AC002085 AI952777, AI346020, AW024883, AL046029, AI590661, AI346915, AW073186, AW237522, AL037668, AW151753, AI419538, AA399154, AI420960, AA971504, AI424070, AI983928, AI858710, AW264165, AI970601, AI422333, AA610484, AA481014, AA758319, AA486535, AI273879, AA865664, AA528037, AW440638, AI804913, AI094960, AI051129, AA975822, AW367514, AA043942, AI337380, AA470886, AA450210, AA737971, AA045559, AL037667, AA292222, AI914093, AW022153, AA620519, AA451613, AA252687, AA551664, C17369, AI953410, AI359851, AA045558, AA135778, D58604, AW402976, AI423638, AA486630, AI189228, AI003695, AW002772, R91050, AI261994, D63187, AI758843, AA728996, H02570, D78861, AI431974, T95753, AI768841, AW369981, AI374732, AA503361, AA298895, AI908249, AW392006, AA962314, AW392196, AW392074, N30487, AW392085, H52318, AA296893, AA303066, AW392190, W35300, AA031634, R76869, AA298088, T95752, AW391941, AI864825, Z45938, AA135734, N71976, AA296872, T84519, R76870, AA366382, T81251, AA041548, C18136, R32692, H02653, C16129, T10828, H52227, R34136, C17067, R23164, AW392168, R23163, AI687114, R63893, AW392170, R06245, AA031753, T99872, AW392082, AA976000, AA890237, R99970, AW238952, AI719088, AA365961, AA302997, H03271, AA894778, R06300, R91051, D20914, W32904, AI571626, AA719590, AW386001, AA931929, R68979, AB011145,
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2006	HNHON23	889323	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1059 of SEQ ID NO:2006, b is an integer of 15 to 1073, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2006, and where b is greater than or equal to a + 14.</p>	<p>AR025393, AR025401, AR025424, AR025397, AR025407, AR025415, AR025421, AR025405, AR025404, AR025414, AR025423, AR025416, AR025417, AR025422, AR025402, AR025394, AR025400, AR025413, AR025403, AR025418, AR025412, AR025395, AR025410, AR025411, AR025409, AR025419, AR025396, AR025408, AR025399, AR025420, AR025398, AR025406, AA313697, AA397662, AI734131, AA428728, AI734102, AI741547, AA428294, AW274830, AA428330, AI732698, AI742282, AA428855, AA452415, AW246994, AI337011, AI650992, AA910985, AA934713, AW452736, AI685505, AW025662, Z38485, AA724506, AA703833, AA315349, AI653134, AC000378, AL080194</p>
2007	HSKES11	889368	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3697 of SEQ ID NO:2007, b is an integer of 15 to 3711, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2007, and where b is greater than or equal to a + 14.</p>	<p>AI125788, AL135619, AI683334, AA824310, AL135408, AA037216, AI972586, AI718476, AI829067, W58485, AA497128, AW051854, N28502, AL121373, AI922174, AA524333, AW084782, AW402881, AI199668, AI143639, AW327327, AI688325, N42979, AI333116, AI697771, AI243863, AI003784, AI084638, AI937411, N29140, AW269389, AA443395, AW001384, AI355311, AI139563, AI374602, AA424444, AW169876, AI335174, AI671042, AW327648, W24329, AI050862, AI628040, AA434140, AA082441, AI362701, AA884252, AI090258, W56128, AI081404, AA814863, W58450, AA814576, AI907488, AA461502, AA223732, N95448, AI184687, AI050684, AA447362, N21176, N27576, AW341550, AA497051, AI433749, AA311905, AA505594, AA329681, AI278163, AA780160.</p>

	AA570608, AA554137, AA223721, AW271217, AI801216, AI097355, AA885099, W69597, AA889841, AA908481, AI523739, AW381678, AI359091, AA478351, AI344719, N23344, AA468529, AA235290, AI095678, AA608996, AI189320, AI633706, AA683544, AA621614, AI857314, AI348508, AI085545, AI214611, AI625313, AA476237, AA494522, W07587, AA976842, AA478293, AA643766, W46184, N35630, N33492, AA526427, N24296, AW139045, N68146, H25621, AA424346, N42480, H61788, AA935087, AL121192, AI525659, AA580160, F19069, H61787, N20306, AI473380, AI187234, AA476236, AI766411, R83753, AA192735, AA223820, R64665, AI095388, AA316245, AW375464, H99696, AI814495, T91430, AI869777, AI750567, AI800050, AA737796, AW375583, F33001, AA402536, AI375909, R83603, N35954, AI458633, T35960, AI928703, AA460576, AA383262, C17066, F06682, W16735, AA223809, AA297837, AA876406, AA493346, AI000901, Z39693, T30460, AA961198, AA378551, AA984004, AI928185, N26259, H98726, T60304, N78786, AA482926, R45705, AA455905, AA374118, AA384020, H02406, AA456331, AI418099, AA724536, T92890, AA592933, AA995483, N90115, Z44200, AI962421, AA992353, N43882, H96512, R06697, T91342, W74107, F34857, W69410, AW139741, AA047633, Z19206, AA302221, AA374271, AI630403, AI928594, AA234873, AL135333, AA047532, AA788864, AI478732, H21536, AA318358, C02417, N66756, T61681, AW243518, C17661, Z25200, AA805109, R06557, AW050504, H21535, AA456371, AI302688, AW079809, AI080026, F04276, AA356174, N83368, AI564126, AW070903, AW004636, H26495, T92979, AW392175, AA206629, AJ251053, UI4550, AC002429, AP000031, AL022336, AC005529, AC004106, AC005015, AF001549, AC003029,

	AC002045, AL031311, AL049830, AC004963, AP000501, Z82198, AC005702, AP000115, AL035089, AC005972, AC005921, AC004966, AC002404, AC006211, AL035415, Z98884, AC004953, AL024507, AC004837, AC002326, Z98200, AC005229, AC007263, AC005011, AF165926, AC005821, AL031283, AL022577, AL009031, Z98750, AJ010770, AC005988, U95740, AC007386, Z95152, AL022316, AC004990, AC008372, AC003070, AL031277, AL049780, AC006061, AC005049, AF117829, AC005081, AC002352, AC007358, U91322, AC005971, AL121603, Z93017, AC004623, AL049692, AC010170, AC002454, AC006115, AC007011, AL117339, AP000694, AL031591, AC006101, AC005482, Z84466, AC005544, AF001550, AC005538, AC007639, Z82206, AC005088, AL009183, AC005181, AC003982, AC003665, AC006120, AC007686, AF053356, AL049869, AJ010597, AC007371, AC006080, AC004887, AC002299, AC005274, AL049776, Z97054, AC006160, AC003044, AF227510, AL049694, AC005531, AC007036, AC006924, AC006130, AL117337, AP000557, AC009509, AC003971, AE000658, AC005208, AC005291, AJ229041, AL049589, AL022320, AC009464, AB016897, AP000555, AP000135, AC005288, AL096791, AC002563, AP000563, D87675, AP000512, U85195, AC007227, AL031276, AC005779, AC005066, U91326, Z84480, AL109952, AC007193, AC005527, AF205588, AC005295, AC020663, AC005046, AP000556, AC002430, AC007055, AC004859, AL034548, AL079304, AL009179, AC000085, AC003658, AC004882, AL031121, AC002316, AC004841, AL080243, Z93023, AC007052, Z95114, AP000210, AP000132, AC005620, AL008715, AC006409, AF045555, AL035249, AC007384, AC003101, AC005157, AC009247, AP000133, AP000211,

2008	HCETP05	889467	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 454 of SEQ ID NO:2008, b is an integer of 15 to 468, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2008, and where b is greater than or equal to a + 14.</p>	<p>AP000359, AC004905, AC005736, AF165142, AC007073, AC004802, AC004477, AJ229043, Z98036, AC002485, AL096817, AL133448, AP000553, AL049745, AC005207, AP000459, Z73358, AP000100, AC006013, AP000208, AL035587, AL121655, AC009516, AC005279, AP000961, AF196779, AL031588, AC006014, AC007786, AL121754, AC005519, AP000558, AP000704, AC002544, AC006948, AC004491, AP000247, AC006947, AC006515, AC006064, AC002477, AC008273, AL049839, Z84484, AC005874, AF134471, AC004552, AL021394, AC005839, AC005018, AC006417, AP000130, AC002375, AC002126, AC005520, AC006992, AC004066, AC005701, T52888, T52889, R06558, H24699, H25574, N92900, W07212, AA062814, AA424971, AA932152, AA992342, N46317, AA454682, F04980, F08711, AI245086, AI198097, AI423663, AI123150, AI190262</p>
2009	HDHEA53	889494	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 825 of</p>	<p>AW409600, AW370893, AW172635, H29357, H00126, AI688967, H23399, H15998, AA910184, R13385, AI635135, AA811899, AA768537, AA827197, AA152215, T33955, AA324892, H51900, AW015309, Z45802, AW138603, AW439297, AA281159, T31539, AI989451, AA311444, T33897, AA928259, AW362586, AL096745, AL133562, AB023205, AJ006417</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 825 of</p>	<p>AW162106, AI192344, AI564803, AI816163, AW157769, W30860, AW157220, AI686640, AI379866, AI917170, AA548108, AI581151, AA190572, AA479158, AI364132, AI827282, AI400087, AI271370, AA609367, AA236262, AI910788, AI148957, AA758679, AI392976, AA608963,</p>

2010	HCHAC08	889700	SEQ ID NO:2009, b is an integer of 15 to 839, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2009, and where b is greater than or equal to a + 14.	AA464601, AI634775, W07097, AI332514, AA253390, AA490370, H80788, AI024529, H21486, AI338291, N72328, AA193686, AA253494, AI240331, H20219, AA064633, AA664481, AA548109, R10906, R61486, AI970230, AI652083, AI654228, H75492, AA247266, N52829, AW139159, AA748177, R64411, H17572, AF065389, AF053455, AF121344
			Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 799 of SEQ ID NO:2010, b is an integer of 15 to 813, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2010, and where b is greater than or equal to a + 14.	W87344, W87345, AI159814, AI743733, AI027553, AW001343, AI743223, AI804911, AW009182, N71072, AI034362, AA468381, AI168829, AA468421, AA860298, AA578670, AI027557, AI365637, AA618558, AI307591, AI033866, AA052982, AA937189, AI034209, W05444, AA612975, AA053475, AA468294, AI972035, AA612979, AW004657, N58184, AA782754, AI186935, T53519, AW016322, R27278, AA988007, AA579074, AA860739, AA612976, AW406518, AI422596, F25986, AA774165, N56542, AA864684, AA922471, AA468220, AI350544, AI950616, AI142741, AA706997, C21238, T53520, AA095378, AI673154, AI905956, AI660174, T24673, F36466, AI341288
2011	HACBT96	889782	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 980 of SEQ ID NO:2011, b is an integer of 15 to 994, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2011, and where b is greater than or equal to a + 14.	AI338644, AI745184, AI890849, AW079838, AW149663, AI634926, AI889135, AW026717, AW270045, AI857571, AI052517, AI004249, AI279282, AW089862, AI499010, AA581431, AA669174, AW129569, AW438690, AA830692, AA419072, AI624275, AA434407, AI597766, AI184077, AA565719, AA758787, AI183979, AW021522, AI862132, AA705896, AI090447, AA828220, AI190867, AA435546, AA568841, AI268376, AI092061, AI146792, AI268380, AA012947, AA700657, AI160133, W90656, AA618520, AA805610, AL043849, AA902677, AI276955, AI366145, AA394012, N74351, AA076429, N92748, N74405, AA830815, AA788867, W86234, AI131041, AI636459, AL043850, AI309739, AI346161,

			<p>AI339715, AW105496, AI272886, AA017217, AA191502, AA677335, AA021588, AI418190, C75356, AI460073, W17229, AA715095, AI348381, AW020236, AA548678, AL045358, AA669031, H81440, F25106, AA243179, H41079, AA433970, T03708, F37029, AA410613, AA923050, W67263, AI765605, AI354279, N89731, AA604066, AI186384, TS5826, T28511, AI568300, R07512, AA862409, AI350206, R44871, H46869, H46287, AA857126, AI491735, AA687978, T74684, H75881, D25565, AA419133, AW188884, AA548866, AA305818, T26508, W86261, AI361932, AA995393, H66896, W67378, AI351723, R22493, R22441, F27665, AI245370, T74796, R53433, AA322407, T95777, AW384420, T92255, H75747, R12501, C21226, AI547271, R07565, AA326036, T74869, AI610783, T95776, AI261830, W19404, H42315, AA936763, AI907063, AW384409, AA384097, AA973381, R09900, AI865937, AA404250, AI907073, H43081, T72070, AA489164, H67138, AW264657, AA345444, T74921, AA404700, R08428, AA934685, AW392670, C04482, Z99396, AL119319, AL119497, AW384394, U46341, AW372827, AW363220, AL134531, AL119457, AL119443, AL119324, U46350, AL134920, AL119484, AL119363, AL119341, AL119391, AL119355, U46347, U46351, U46349, AL119483, AL134533, K03001, Y00109, X05409, AC003029, A93931, M20456, M26760, S80262, M54931, M20454, M20455, AF164120, AR060234, AB026436, U02317, AR066494, AR069079, AR054110, A81671, AA744759, T08846, AA884477, R87614, R18692, AW362788, AW072169, AW408220, AA078623, AA227616, AA884352, AA868332, AI762571, AA535028, AI139078, AA077934, AI361426, AI359977, AW009454, AB033050, AB015330</p>
2012	HTLEN01	889954	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1756 of SEQ ID NO:2012, b is an integer of</p>

2013	HCROA43	889962	<p>15 to 1770, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2012, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 693 of SEQ ID NO:2013, b is an integer of 15 to 707, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2013, and where b is greater than or equal to a + 14.</p>		
2014	HSLJW05	889994	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2426 of SEQ ID NO:2014, b is an integer of 15 to 2440, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2014, and where b is greater than or equal to a + 14.</p>	AA878377, AW264482, AA528458, AI084502, AI086537, AA280756, AI524467, AA215387, AI909056, D20028, AI432571, T80449, C16437, AI474660, AA306817, AA636097, AA214516, R82222, AA995304, R39369, AA318653, R62525, AL045794, AL039924, AA969711, D51250, T24119, T24112, D80253, D80043, AW013814, D59787, AL037726, AL039629, AL039625, AL039648, AL038837, AL039074, AL039678, AL039108, AL039538, AL039564, AL039156, R39019, AL039659, AL039566, AL039509, D80219, AL038531, D59275, D80227, AL039109, AL040992, T80169, AL044530, AL039128, AL044407, AL038821, AL036973, AL045337, AL037051, AL045353, AL039386, AL039423, AL045341, AL042909, AL039410, AL043422, AL043445, AL038025, AL039150, AL036725, D80240, AA383146, R25163, AL043423, T02921, D80210, D51423, D80134, D59619, AL043441, R24660, D80391, D80193, T23947, H00069, D80196, C14227,	

	AL039085, AL036196, D59927, AL037639, D80949, D80366, AL037615, AI535783, AW451070, D80168, AI535983, AL036767, AW452756, D81026, AL036117, T11051, D50995, C75259, C14014, AL037526, D80045, R47228, AL037104, AL036679, AI910647, AL036238, AL036924, AL037601, D59889, AI557751, AL038851, AL036733, C15076, AL036158, D80022, AL037027, T23659, AL036418, D80038, AL037082, D80195, AL037054, AL036765, D58283, D81030, T11417, D80188, AL037177, D59467, C14429, D51799, D80378, AL037081, AL036190, T03269, AL036998, AL037047, F13647, AL037643, AL036227, AW237857, T48598, AL036964, D50979, AL036207, D80522, AA514190, D80212, AL036132, AL036167, AW450376, AL037600, C14298, AL037178, AL036191, AA285331, D59502, Z21582, AL037679, D80164, D80269, D80166, AW129106, C14331, D59859, D59610, AL036152, D59695, D80241, Z25782, N71180, AL042628, AL079963, D80268, AL037124, AW071417, AL048425, AI525669, AI569616, D58253, AI468872, AI287326, D80024, AI802542, AL040243, Z99396, AL039086, AL036174, AL037021, AL036146, AI590118, AI591316, AI499285, AW129916, AI318280, AL043326, AI955906, AI932794, AI554245, AA225339, AI763414, D57483, D52291, AI541056, AW150578, AI538085, AI251205, AI308035, AI857296, AL045163, AI680498, AI288285, AI815855, AI687127, AI866573, AL135025, AL119791, AI269862, AL042382, AI866608, AI174394, AI612885, AL039276, AI340582, AI252023, AI364788, AI590120, AI627988, AI620284, AI280661, AI207510, AL121270, AW082113, AL042745, AI696626, AL121328, AW089572, AI433976, AI612913, AL045500, AI866770, AL022401, A85396, A25909, A85477, AR025207, X68127, A86792, A44171,

	A67220, I18371, AR062871, AR037157, AR017907, A84772, A84773, U87250, AR062872, A84776, A84775, AR062873, A84774, AR067731, A20702, A58522, A91750, AR067732, A43189, A43188, A20700, D34614, AR036905, AJ244003, A95051, A38214, A98767, A95117, I56772, I95540, AR018924, A95052, AR031374, AJ244004, A63067, A93963, A93964, A51047, A63064, A18053, A49700, AR018923, AR031375, A48774, I63120, A63072, AR043602, AR043603, A48775, AR043601, AR068507, A23334, A75888, I70384, AR068506, A18050, A60111, A23633, AR015960, A23998, AR000007, AR015961, AR007512, A58521, I60241, I60242, AR020969, I03343, AR054109, I06859, AR022240, A81878, A64081, A58524, E12615, A24783, AR035193, A24782, A58523, A92133, E14304, A27396, I28266, AR027100, AF118808, A49045, E16678, A82653, E16636, A93016, AB012117, I25027, Z96142, I26929, I44515, I26928, I26930, I26927, A58525, A02712, AR038762, X73004, V00745, I49890, AR000006, I19516, I44516, AJ230933, E13740, AR008430, Y11923, AR036903, A58526, E16590, A91753, A11245, A02710, A07700, A13393, A13392, I19517, A76773, A22413, I21869, I13349, Y17188, A35537, A35536, A97211, A02136, A04664, A02135, A04663, D28584, A51384, I01992, E03165, I08051, A70040, AF156296, AR066482, A92636, E02221, E01614, E13364, I00079, AF156294, Y11926, AF156303, AJ244005, A15078, AR035975, AR035974, AR035977, AR035976, AR035978, I00074, AR038286, I66495, I66498, I66497, I66496, I66494, I66486, I66487, I68636, I03665, I03664, E00523, I92483, I25041, D88984, D14548, A10361, I00077, I19525, AF156299, A91965, AF019720, S70644, I07429, E06034, A18722, D26022, X13220, AF156304, A91754,

2015	HTPGK74	890666			<p>AR027069, A20701, A04710, A52326, AF096810, M32676, A97221, X58217, A62298, AF156302, A60957, I84554, A62300, I84553, S65373, A60968, S78798, AF096793, A60985, A60990, A60987, I69350, A84916, Z82022, D44443, AB007195, X15418, A80951, A10363, AR018138, AF156300, X73003, AF130655, I08250, AR028564, AR060673, AR060676, A49428, E04616, S68736, X67155, A08457, A08458, AJ132110, S69292, AL133640, A13038, A29289, I48979, A78862, D89785, I48978, I07888</p>
					<p>AI149400, AA846733, AI085373, AI246729, AI608911, AI923892, AI798918, AW303427, AI708285, AW080676, AI684195, AI587306, AW189579, AI354582, AW044409, AI922230, AI628502, AI88388, AI758885, AI619483, W52043, AW057673, AL037160, AI921372, AW304335, AI624382, AI819541, AW276527, AI554494, AI809216, AI923339, AI381549, AI015540, AI473800, AW104317, AI910509, AI471516, AI624577, AI141307, AA075786, AI807993, AI566219, AI589224, AL048943, AI620365, AW391429, W37101, AI346763, AW086487, AI457487, AA664049, AW440483, AI476665, W63597, AI254213, AA934370, AA678559, AI139553, AI346198, AI469784, AI244140, AI911889, AI625096, AW439282, AI038691, AA884808, AI798465, AA905923, AA075733, AW372900, AW385528, AW385522, AL119459, AI352172, AA587707, AA947323, AA732669, AA617672, AI282902, AA946660, AI342280, AW372893, AI589501, AI185284, N90643, AW363861, AI051922, AI963833, AA583025, AW372901, AI221733, AI922401, AA912170, N53176, AW363862, AA723556, AI824545, AI952654, AI087392, AI565591, AA931720, AI026053, AA838395, AI361077, W28135, AI025960,</p>
					<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3288 of SEQ ID NO:2015, b is an integer of 15 to 3302, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2015, and where b is greater than or equal to a + 14.</p>

	AI458833, W28630, AI539757, AA532831, AI272036, AW081101, AI254219, AI025959, N23305, W77991, AA771914, AA999740, AI369031, AI159744, AI084385, AA846191, AA721128, AA463497, AI375027, AI278750, AA767535, AA913244, AA649145, AA115785, AA904917, AI953598, AW004980, AI433221, AI167837, AA878628, AA725431, AI311013, AI358579, R19761, W39658, AA164801, W19891, W73947, AI955376, AA872844, W31941, N39129, AA305747, AA115312, AA115784, AA164725, AI188067, N34986, AA428266, AW166792, AI433490, W15420, W01233, N69119, N32684, AI828323, AA706584, AI269319, AA314773, R18888, AI174504, AI682818, AL079824, R69672, R78845, AI004984, R70849, AW192982, AI355460, AW363858, N95218, AW272360, H55826, R83098, AA605309, AI274482, AA934782, AA648856, W38889, AA706765, AA317376, AA115311, R70097, AA845329, H29717, H55818, R86911, AA305294, R94357, AI914666, AW373543, W21046, AI926759, C06443, H47177, W31393, T10966, H74049, H61903, N32148, R35482, AI565915, R86899, H71088, AA021144, H13058, AW009569, AI630631, AA336531, AA568673, D58749, AA366616, H79950, AW273124, AI311799, N58613, R27902, W37802, AA970031, AI914563, AA837334, N43747, R62232, W21095, AI557184, AW149966, AA091317, R81068, N95047, T70857, R22091, R62216, AI865964, AA341756, AI453140, AA366355, AI203756, H55923, R66061, T77140, AL134840, AI290392, R33973, R64607, X59408, X59405, AL035209, AR064386, A65266, M58050, AR063609, AI8585, AR063631, X59409, X59410, AR063630, X59407, X59406, AR063632, AR031710, AR065585, AR066587, D84105, S51940, D85750, E05680, D89756, D63811, D63848, D82076, U87922, U87921, E05681, U87920, U87915, U87923, U87918, U87917,

	U87916, U87914, U87919, AR066588, A18587, AF025482, AF025483, A18589, D78369, AR064389, S65879, Y07713, M73722, M73723, AL050149, AF090900, A18614, I89947, AL133560, AF113694, Y09972, Y11254, X70685, I48978, A08916, A08913, AL133640, AF090896, AL122110, A65341, AJ238278, AL117457, AF078844, AF177401, AL137550, AL110196, A03736, S61953, AL133557, AF146568, X82434, AF113699, AL133606, AL133080, AL050277, AL122093, I89931, AL137459, AL117460, I00734, AR011880, AF113690, AL122050, M73721, I48979, AL050116, E00617, E00717, E00778, AL133565, Y16645, AL133568, AL080124, AF100931, S78214, AF104032, AF090903, AF090934, AL049452, AF097996, AF125948, AF090943, U58996, AF008439, AL110280, A08910, E03348, AL137283, I49625, A08909, S68736, AL137521, AL137479, AF017437, E04233, AL096744, AL117583, AF113013, AL117435, AL050108, AL133113, U42766, AL080060, A77033, A77035, AL049430, I33392, E02349, M30514, U35846, AL049464, AL133016, AF057300, AF057299, X72889, AF158248, AL049314, AR020905, AF087943, AF017152, AF183393, L31396, AF026816, L31397, I26207, AR038854, A90832, AL133093, AL137271, AL122098, U80742, AF090901, AL050393, U91329, AB019565, AL122049, AF118094, AL137533, AF153205, AF113691, AL050146, AL080137, A08912, AL050092, AF111112, AL122123, AL137557, X84990, AF185576, X93495, U72620, AF113677, AL080074, AR059958, AL110221, AF113676, AL110225, AL050138, X65873, AF106862, AF091084, E07108, U68387, A12297, AL137463, AL122121, AF113019, AL133067, AL137526, AL049300, E05822, AJ000937, A07647, U00763, X63574, AF079765, AF061573, A58524, A58523, AL049938, AJ242859, AL137538, AL133075, AL117394, AL049466, AF113689,

2016	HHGAB64	890698	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 365 of SEQ ID NO:2016, b is an integer of 15 to 379, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2016, and where b is greater than or equal to a + 14.</p>	<p>AF067728, Y11587, AL133081, A93350, AF026124, Y14314, E02221, AF118064, X87582, AF079763, AL137527, AJ006417, AF081197, I03321, AL080159, A45787, AF061943, AR013797, AL049283, AL050024, AF118070, Z72491, Z82022, AL117585, AF125949, AF162270, T55602, T55684, T83368, T83513, T85655, R05955, R06061, R13220, R15276, R21850, R22036, R22364, R27810, R33367, R33366, R34281, R40303, R45180, R45180, R64594, R66060, R69585, R70795, R79334, R80960, H04294, H04562, H08121, H08122, H13150, H13266, H26621, H26673, H47087, R83039, R86755, H55819, H55827, H71875, H73487, H96583, H96704, N49329, N71908, N93708, W24984, W31430, W31986, N91238, AA021171, AA035032, AA035520, AA079896, AA079897, AA165060, AA164800, AA463544, AA225869, AA632555, AA689363, N84693, C01059, AA091046, AA091332, AA095049, AI023106, AI078656, F09037, F11374, AA127776, AA206261, AA206263, AA281030, T67843, AA477584, AA325658, AA381036, R12107, AF022382, AL031295, L41668</p>
2017	HOSOR86	890753	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2042 of</p>	<p>AI341460, AW173384, AW055235, W39204, AI909118, AI909124, AW118938, AI689438, AI419443, AI801242, AW438695, AI123971, AA707755, N59864, AA974210, AW130020, AA489046, AW298736, AA768780, AI146982, AI093766, AA284319, AA907244, AA279581, AA983814, AI955386, N59886,</p>

2018	HE9RV77	890763	<p>SEQ ID NO:2017, b is an integer of 15 to 2056, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2017, and where b is greater than or equal to a + 14.</p>	<p>AI535676, AI859864, AI498376, W01363, AI699807, AA824487, T86598, AA994605, AW044013, AA489144, T85108, AW271482, AA811658, AI631722, AW021293, R64514, T77559, AA736753, T77523, T86597, H44608, AI955411, N90263, H94626, AL119283, AL119309, AI909117, N77027, N79005, AW105078, N62828, AI334730, AI701272, T07505, AW376940, AW243861, AI909110, T84177, AC004227, AC004804, AL022153, AC006840, AC006197, AC008125, AC004822</p>
2018	HE9RV77	890763	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1877 of SEQ ID NO:2018, b is an integer of 15 to 1891, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2018, and where b is greater than or equal to a + 14.</p>	<p>AW241738, AI554315, AW293947, AI763258, AI721194, AW043707, W67989, AW269975, AW025268, AI683778, AW183594, AW242994, AW015541, AA428411, AI312039, AA905967, AW274692, AI743918, AI632220, AA515764, AI018660, AA936423, N40612, AI913282, N36286, N42415, AA155820, AA155924, AA071299, W68001, AI799025, AI123370, AI184911, AA218950, AA173353, AL047892, AA526078, AI041007, N27838, N33441, AW168113, H64050, AI261230, AI347397, AA536165, AI569491, AW172624, AA781882, AI583725, AA149663, AA683414, AI539802, AI583700, AI445057, AI816810, AA176623, AI340128, AA375927, AA628568, AA434428, AA164797, R80702, AA445933, AI690654, H10573, AA179678, H15588, AI313391, AI538861, AI687194, AA167315, N25332, AW150559, W58766, H17389, AA164796, H82362, R41866, AI204281, AW301352, AW302888, F06348, AW271077, AA218953, AI223027, R41721, AI609973, AI336653, AA151878, H82258, N27072, AI805669, H99831, AI282274, T82232, AI086204, R80703, F07751, AA173300, T86068, H18079, AW169375, R11810, Z39244, T71190, R17172, R17252, N24523, AW302442, H99172, AI042623, N31444, H64001, H15531, AI872871, AI969736, AW026046, AA890413, R40959, R14564, AA102051, T81858, AA220917, D31565, U46380, AI277142, AA628822, F06639,</p>

2019	HPRAJ70	890776	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3543 of SEQ ID NO:2019, b is an integer of 15 to 3557, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2019, and where b is greater than or equal to a + 14.</p>	<p>AW004021, AI500444, H61486, AI962340, AI675481, AA860192, H87106, AI254025, F04003, AA166985, AA321073, AI557191, AI373103, AW072197, AI922171, AA091757, AI095771, AW264568, H10368, AW168889, AW276664, AA846587, AA506171, AA090327, AI218075, AA383806, AA220919, AA102050, H10369, AF133426, AF053453, AF043906, U84895, AL035608, AF053454, D16949, AI336283, AI633192</p>
2020	HBODK52	890801	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1585 of SEQ ID NO:2020, b is an integer of 15 to 1599, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2020, and where b is greater than or equal to a + 14.</p>	<p>AI554661, AW274259, AA314190, AL120376, AI334374, AI274093, AI080270, AA883816, AA879435, AI475629, AI222322, AI432982, AA541454, AW265163, AA749031, AA307355, AA993688, AA298322, F24838, AI147394, AI864022, AA298719, AW002647, AI276250, AI142407, AA296879, F34528, AA249523, AA689493, AI808739, Z44194, AW139211, AL008582, AB035207, D64109, AL022393</p>
2021	HARNK52	890820	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AW372332, AW372296, AW372303, AW392509, AW392497, AW392507, AW372464, AW392505, AW004891, AA101225, AW392512, AA102670,</p>

2022	HTLHU22	890863	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2579 of SEQ ID NO:2021, b is an integer of 15 to 2593, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2021, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1674 of SEQ ID NO:2022, b is an integer of 15 to 1688, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2022, and where b is greater than or equal to a + 14.</p>	<p>AA120821, U54597, AW182872, AI446810, AA298878, AA294978, AW392492, AA298897, U54599, AI903382, AA991253, U95367, IS9650, U95368, AF009702, AF009697, AF009701, AF009700, AF009699, AF009695, AF009693, AF009694, AF009698, AF009696</p> <p>AW248608, AI654134, AW249047, AW027462, AI688329, AW136847, AA995019, AI867957, Z83847, Z82206</p>
2023	HWMBB2 9	890945	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2529 of SEQ ID NO:2023, b is an integer of 15 to 2543, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2023, and where b is greater than or equal to a + 14.</p>	<p>AL042015, AI760156, AI041208, AI675831, AA772287, AI761091, AA127766, AI189553, AI024414, AI680106, AA678819, AI338208, AI276652, AA069849, AI457552, AI005201, AA678586, AA918062, AA411763, AA037163, AA069802, H30857, AA703349, AA216712, AI266630, N23150, AI082636, AA827374, AA385301, AA411843, AI049637, N56802, AI125538, AA347097, T28624, N32729, AA146702, AA343535, AA375419, AW316863, N32133, AA385302, AA146719, AA669887, AA375420, AI867611, AW206128, AI630096, N95166, AA331777, Z24775, AA331778, F04253, AA318183, D51300, F04964, AA343617, AA194918, R41937, AA347119, AI524404, AA362621, AA402478, F00058, AW366370, C21140, R10662, AL079560, AA994433, AA218592,</p>

2024	HWLND63	891125	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 490 of SEQ ID NO:2024, b is an integer of 15 to 504, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2024, and where b is greater than or equal to a + 14.</p>	AA888498, AA371095, AI783880, AA293830, AA037059, U07343, U07418, U80054, U17850, U40971, U40978, U17857, U40975, U17854, U17849, U40970, U17851, U40972, U17839, U40960, U17856, U17847, U40977, U17852, U40968, U17841, U40973, U17844, U40976, U40962, U17855, U40965, U17846, U17840, U17848, U40969, U40961, U40967, U59883, U17842, U40963, U40964, U17843, U17853, U40974, S77856, U17845, U40966 AA361119, AI391643, S75038, S75037, E02518, E02516, M37721, E03981, AF010472, E03204, E03202, E03203, E03201, D29625, AR036183, M18683, E03205, I09286, U79523, M82845, E03428, AR036184, X59689, M25719, M25732, X59687, X59688, E02517, X59685, X59686, T47438, T49517, T40337, T41197, T94036, R31007, R52165, R54705, R59553, R59554, R64336, R65793, R66811, R67946, H09249, H13692, H13744, H14286, H20221, H24797, H25936, H25967, H27194, H27195, H27531, H28158, H30301, H42178, H39094, H43206, H43253, H43704, H43788, H43842, H44053, H44129, H46393, H47935, R83920, R87925, R87926, R89640, H56488, H56489, H84491, H93855, H95554, H96000, H96001, N29623, W20057, W56622, W56652, W73707, AA001437, AA001129, N91455, N91545, AA010455, AA012908, AA017259, AA017548, AA019579, AA021397, AA021267, AA031311, AA031448, AA054148, AA055244, AA055263, AA057094, AA079530, AA079578, AA086369, AA086477, AA086052, AA088887, AA088908, AA101239, AA112044, AA112875, AA113195, AA113785, AA121382, AA134323, AA134324, AA134404, AA134405, AA159956, AA159957, AA169782, AA179024, AA179789, AA190506, AA190992, AA191267, AA191540, AA193244, AA194300, AA194320, AA194750, AA194569, AA195818, AA196755,
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	AA197162, AA223624, AA235645, AA243301, AA250844, AA250903, AA250964, AA250940, AA459406, AA459418, AA459644, AA464185, AA464690, AA464779, AA427566, AA480355, AA483686, AA508610, AA513761, AA514432, AA515092, AA515572, AA533290, AA555236, AA557193, AA557435, AA558632, AA563928, F15660, F15723, F15909, F16089, F16376, F16546, F16798, F16863, F16967, F17260, F17364, F17412, F17509, F17552, F17561, F17566, F17588, AA583063, AA582179, AA583705, AA583809, AA583939, AA583973, AA587857, AA594803, AA604225, AA604384, AA610836, AA627361, AA635656, AA574051, AA577139, AA657777, AA657988, AA665180, AA737855, AA806213, AA827543, AA833831, AA856894, AA857063, AA865535, AA872104, AA873247, AA876266, AA917410, AA935997, AA961665, AA962483, AA968868, AA972526, AA974886, AA975454, AA976399, AA987883, AA948025, AI002503, AI074079, F18046, F18063, F18217, F18383, F18418, F18564, F1889, F18975, F19390, F19528, F19715, N84794, F17978, F17998, W28215, W73754, N89223, C02843, C02989, C03092, C03145, C03180, C03325, C03831, C03986, C04192, C04941, C05199, AA018964, AA063476, AA641390, AA642243, AA095945, AA096393, AA194324, AA206409, AA643334, AA654007, AA211715, AA213946, AA284988, AA284536, AA290829, AA291918, AA292000, AA293474, AA293062, AA293262, AA401909, F20245, F20441, F20482, F20840, F20860, F21515, AA411329, AA410818, AA456784, AA454513, AA459631, AA477102, AA477416, AA477746, AA477852, AA480115, AA481936, AA481469, AA496740, AA599776, AA628543, AA666379, AA456564, F21911, F21996, F22437, F22449,

2025	HCROQ71	891264	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 766 of SEQ ID NO:2025, b is an integer of 15 to 780, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2025, and where b is greater than or equal to a + 14.</p>	<p>F22724, AA719223, AA724815, AA725731, AA758587, AA771884, AA775241, AA779626, AA781570, AA781985, AA812572, AA845555, AA852940, AA852551, AA852552, AA889439, AA773167, AA994600, AA993537, AI025737, AI038538, AI040946, AI124097, D25663, T16240, F00827, F00386, F01041, F01120, F01124, F01135, F00308, F01259, F01267, AA772935, AI302665, AI318091, AI347597, AI361314, AI361315, AI361322, AI401660, AI423575, AI423596, AI128394, AI224046, AI144391, AI149311, AI625219, AI625399, AI192566, AI214910, AI658645, AI538037, AI342442, AI633128</p> <p>T08982, Z99396, AW392670, AW384394, AW372827, AL119363, AW363220, AL119443, AL119497, U46341, AL119319, AL119396, AL119457, AL119324, AL119483, AL119484, AL119341, AL119391, AL119355, AL119496, AL036418, AL038837, AL119335, U46350, AL119522, U46349, U46351, AL037051, AL036725, AA631969, AL042970, AL042965, U46347, AL134528, AL036858, AL119418, AL119444, U46346, AL134518, AL119399, AL042614, AL037205, AL039074, AL119439, AL036924, AL042544, AL038509, AL042975, AL119488, U46345, AL134538, AL042984, AL042551, AL134527, AL043029, AL042542, AL042450, AL037094, AL037526, AL037085, AL036196, AL037082, AL043019, AL037639, AL037077, AI142134, AL043003, AL036767, AL036190, AL036268, AL038520, AL038851, AL119464, AL038447, AL036774, AL036998, AL036733, AL037178, AL036238, AL037615, AL037027, AL036719, AL036765, AL036191, AL036679, AL036158, AC007073, A81671, AR060234, AR066494, AR023813, AR064707, AR069079, AR054110, AB026436</p>
2026	HBINP81	891305	<p>Preferably excluded from the</p>	<p>AI206965, AI955864, AI978772, AI952843,</p>

2027	HDLA89	891896	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2507 of SEQ ID NO:2026, b is an integer of 15 to 2521, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2026, and where b is greater than or equal to a + 14.</p>	<p>AA910462, AA532931, AA551929, AI718392, AA573386, AW192987, AI749756, AA633326, AI341292, AA327208, AI572827, AI345905, N54395, AI631315, AI536146</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2343 of SEQ ID NO:2027, b is an integer of 15 to 2357, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2027, and where b is greater than or equal to a + 14.</p>	<p>AW242220, AI742204, AA779774, AA765518, AI670838, AI494382, AI016035, AI499655, H98843, W01534, AA262799, AA992714, R99930, H60755, AA262783, AA836865, N23566, AA463579, AI880528, AA247461, AA206947, AA463519, H60756, H62890, AA365288, AW361065, AA465401, H62924, AI370666, AI926079, T09101, AA774976, R41293, N86838, AA465512, N71001, AA436909, AI004991, AL134524, AI380036, AI432644, AL119457, AL119324, AL119511, AL042544, AI432653, AL119399, AI431307, AI432666, AI623302, AI431316, AL045327, AI431323, R99751, AL042898, AL047163, AL043152, AW081103, AL042382, AL079794, AL043168, AI431238, AL042787, AL047675, AI431351, AL042729, AA585453, AL042853, AL079741, AL038878, AI432654, AI142134, AI433157, AI432656, AW151136, AI539771, AI537677, AI500659, AI815232, AI801325, AI500523, AI582932, AI284517, AI923989, AI500706, AI445237, AI491776, AW151138, AI521560, AI889189, AI500662, AI284509, AI889168, AI866573, AI633493, AI434256, AI805769, AI888661, AI284513, AI888118, AI859991, AI440252, AI432650, AL042488, AI872423, AI554821, AI494201, AI866786.</p>

	AI538885, AI431230, AI889147, AL041862, AL042515, AL045500, AL046356, AI433976, AI872300, AL042551, AW172723, AI440263, AL039390, AI371251, AI866510, AI436429, AI371228, AL040207, AI890907, AI860003, AI610557, AI866465, AI887499, AI431321, AI690946, AL045328, AI866469, AI521594, AI828574, AL048427, AL042538, AI537515, AL043089, AI275175, AL042745, AL043091, AI541056, AW151979, AI648567, AI620284, AI499463, AI582912, AI610362, AI538850, AI887775, AI623736, AI590043, AL045620, AI440239, AI492519, AI539800, AI923046, AI434242, AI500714, AI537273, AI355779, AI885949, AI581033, AI491710, AI436456, AI469775, AI963846, AI567940, AI817244, AI242736, AI612913, AW022682, AI539781, AI671642, AI285826, AI539707, AI863014, AI499512, AI889133, AW089557, AI559957, AL046681, AI521571, AI432677, AI610357, AL042377, AI434223, AI366900, AI610429, AI539632, AI889148, AI539847, AL042939, AI567935, AI805762, Z98465, AI561170, AI702065, AI354998, AL047422, AL045891, AI344785, AI866608, AI285439, AI866820, AI866581, AI815150, AI610402, AW172745, AI289791, AL043239, AI433968, AI567953, AI446495, AW403717, AL048656, AI866461, AL047092, AA420758, AI521465, AL043321, AL039276, AI371265, AI049851, AI274759, AI866457, AI285419, AI927233, AI567993, AI431315, AI654276, AI628850, AW118237, AW191003, AI828583, AI539863, AW162194, AI364788, AL045163, AL110306, AL048323, AI521596, AI929108, AI554827, AW197139, Y17793, A93016, AR066494, A58524, A58523, AL137429, U77594,

	AF090901, AL133049, AL050116, AF091512, E05822, Y11587, AL122049, A08916, AL137539, L10353, I48978, A08910, A08909, AF100931, AC004883, AF019249, AF182215, E07108, AC004227, I89947, A08913, AF113694, AJ000937, AL117583, U35846, AL122110, I89931, AF118090, AL080124, AF111112, I49625, X65873, AL050108, X89102, AB030279, D16301, AL137271, AL137521, AL122093, AR038854, AL137557, AL049314, U53505, AL133072, AL133565, AF118070, AL122050, I48979, AF090896, AF100781, Z72491, AL137538, Z37987, X83508, A65341, AF113676, AF158248, AF177401, S68736, AL133113, I00734, Y11254, AJ238278, Y09972, E00617, E00717, E00778, I26207, AF097996, AL133080, AL137459, AC006840, AF102578, E01573, E02319, E07361, A57389, AL049430, A90832, A93350, AF090903, AL117457, AL050155, AC000400, AL080060, Y16645, AC004987, AL080158, AL122098, AL133557, AL137529, Y07905, AL133560, AL137463, AF109906, AF119337, AF091084, AF017437, AF118094, AL049283, A08908, I33392, AL049452, AF106827, AL117585, AL110221, A08912, U80742, U87620, U75932, AB019565, U00763, I03321, AL133053, S78214, AF104032, AL049466, AF111851, U68233, I92592, AF017152, AL035458, AL133077, E15569, U78525, AL117435, AL122123, AL110159, AF003737, AF113019, AL137283, AF113677, AR038969, AL110196, AF087943, AF176651, AL050146, AL137658, AL133640, AL133606, AF113013, AR011880, AL049464, AF078844, AF113690, A18777, AL034417, A77033, A77035, AL049382, AF125949, AL096744, AR034821, A03736, AL122121, U72620, AF081195, AF111849, Y10655, X82434, AF090934, AF090943, AF118064, AL080159, X70685, U42766, U58996, Z82022, AC006313, AJ242859, AF183393, AL050149, AL110225,

2028	HE8FL95	892113	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1769 of SEQ ID NO:2028, b is an integer of 15 to 1783, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2028, and where b is greater than or equal to a + 14.</p>	<p>AL122118, AF106862, U88966, AF026816, A18788, AL050277, AF067790, AL133637, AL050024, E02349, AL110197, AL137648, AL117460, AF026124, AL137550, AF090900, AF125948, AF039138, AF039137, AL133014, AL117394, A12297, AL133031, AF079765, X63574, X96540, AL110280, X98834, AR020905, AL137556, I09360, AL133093, AF067728, AF113699, AL137560, I42402, L31396, AL133568, AL137488, AL050138, AL050393, L31397, U91329, AJ012755, AC006039, I89934, X52034, AF126247, X84990, AL080127, AL133075, AJ003118, AL080137, AL137527, AB029065, AF113691, AF061943, AL137476, S75997, X94372, AR013797</p> <p>AA195218, AA397579, AA399552, AA621184, AI692940, AA205886, AI702167, AI365354, AF090947</p>
2029	HHFGIS9	892177	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 4317 of SEQ ID NO:2029, b is an integer of 15 to 4331, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2029, and where b is greater</p>	<p>AW207619, AA534290, AW340566, AW139543, AA947281, AA776464, AI697902, AA037301, AA205320, AA443876, AI206904, AA400700, T75075, AI363369, W46782, H24404, AI032106, AI880884, N59387, AI138757, AA307337, AA554317, AI359282, N28440, AW007847, AA662978, AI129939, AA476728, AI017751, AI431939, AI675507, AA953932, AI625227, AI991609, H23505, H18538, N77075, AI928411, AI206609, AA005130, F13039, Z39279, AA282393, F02661, AI635585, AA024899, R80487, T77003, AI040191, AI363266, H14797, H68321,</p>

			than or equal to a + 14.	AA024900, R83449, AI249693, Z42220, AI560382, AI564770, AI301618, Z43207, R80381, AA206751, F06352, W93287, R40397, T87366, AI767771, AI094857, F02642, AA970085, AI942231, F06371, AA309597, F12724, R02736, W93286, T89999, W32125, Z43926, T82305, T78880, H23497, Z45760, Z45415, F10631, AI365308, R02735, T82820, Z39986, N50637, T99449, W31631, AW438395, AA331899, AA307511, AW363028, AA296346, AI081008, F01749, W46783, AA005415, AA485147, AA400655, F07384, T98853, R13009, AW169922, H14798, AA218742, AI827798, N59001, AI261716, H18430, R13181, AI673745, F03625, N54124, AI023953, AW316878, D80045, F11062, AA581647, AI587242, AI382497, D59502, AA485032, C14389, C14429, D58283, D81030, D80195, D80043, D80227, C14331, D80188, D80038, D51423, D59619, D80210, D51799, D80391, D80240, D80253, T03269, D80166, D80193, D80196, D80269, D59927, D59859, D80219, D50979, D80212, D59275, D57483, D59610, D59889, D80022, Z21582, D80378, D80366, D80164, D80241, D59787, D50995, AI905856, D80024, C15076, D59467, C75259, C14014, D51060, AA305409, AW366296, D80134, AW178893, D51250, D81026, F13647, AI557751, D80268, AA305578, D80248, D51079, D51022, AW179328, AW177440, AW178775, AW375405, D58253, AW378532, D80949, D80522, D80168, C14407, C14227, AW352158, D81111, D59695, AI910186, D80251, D52291, AA514188, AW369651, AW178762, AW177501, AW177511, D51097, AA514186, D80133, AW360811, C14298, D80064, AA285331, AW375406, AW352117, C05695, AW176467, AW378540, AW377671, AW360834, AW360844, AW360817, AW378534, AW179332, AW377672, AW179023, AW178905, T11417, D80302, T48593, D80132, AW177505, AW352171, D80439, AW377676,
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2030	HOFMT75	892291		<p>AW178906, AW352170, AW177731, AW178907, AW179019, AW179024, AW179220, AC005534, AC007075, A62298, A62300, A84916, Y17188, AJ132110, U87250, A82595, AR018138, A78862, D26022, A67220, X67155, D89785, D34614, A25909, X82626, D88547, AR008278, AF058696, I19525, AR025207, AB028859, X68127, A94995, I82448, A44171, AR016808, AB012117, Y12724, A85396, AR066482, AR016514, A85477, A86792, X93549, A43190, AR060385, AB002449, A30438, AR008443, AF135125, I50126, I50132, I50128, I50133, Y17187, AR038669, AR008277, AR008281, AR066488, AR060138, A45456, A26615, AR052274, I18367, Y09669, A43192, AR066487, I14842, AR054175, D88507, AR066490, D50010, AB023656, U79457, AB033111, U46128, AR064240, A63261, AR016691, AR016690, AR008408, AR062872, A70867, D13509, I79511, A64136, A68321, AR060133, U87247, AF123263, Z32749, AR032065, X93535, AR008382</p> <p>AL036113, AA433879, AL045190, AA057554, AW239170, AW403966, AW239410, AW402407, AW375966, AW373031, N20475, AW067770, AW179034, AA410597, AA074710, AI752785, AW068103, H10878, AI869324, AW067904, AI751896, R87863, AA603295, R56461, W86435, AW068684, R88501, N25503, AI909381, M78217, AA852669, R87623, R87854, F05545, AA933040, AW372168, H14144, H86162, AA018954, AA410887, AA057207, AA362685, R84663, AI868439, AA326537, AA018988, T87278, H01627, AI910320, AA295291, R85200, R88022, AA430421, R85220, AW388463, R85353, AA335125, AW062970, R85031, AA293682, AA292982, AA368515, AW176608, AW062971, AA852517, H72226, AW393764, W02259, R99954, H27662, R24815, T99262, H52007, M11233, X05344, X52886, X53337, M63134, M63138, M63136, M63135, S52557, S74689, L12980, X68382, M63137</p>
				<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1220 of SEQ ID NO:2030, b is an integer of 15 to 1234, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2030, and where b is greater than or equal to a + 14.</p>

2031	HWLEQ37	892367	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1075 of SEQ ID NO:2031, b is an integer of 15 to 1089, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2031, and where b is greater than or equal to a + 14.</p>	<p>AI884627, AW130437, AI668781, AL043335, AI907430, AI613418, AW150279, AI205012, AI038777, AA709407, AI690430, T35506, AI022430, AI023459, AI476713, AI671575, D29621, T34271, AW419081, AI261913, N32030, AA377446, AI912514, AA034072, AI053445, AI828656, AA533408, AI038724, AL042113, AI370475, AA569743, AI623899, AL135698, AI283090, AW272763, AI868164, AA633266, F17700, H57826, AI633185, AI045709, AA713674, AA360944, AA716755, AW088125, AA297968, AA659324, AI252506, AB020865, AC005940, AP000694, Z99755, AP000557, AL035587, AC004701, AC006965, AC005768, AC006211, Z98950, AC005152, Z85996, AF051976, AL109963, AC007934, AC005339, AF053356, AC006116, AL031281, AC005755, Z69917, AC005599, AC003101, AL050308, AL096791, AC005288, AL132992, AC004472, AL022326, AC004386, AL021368, AP000073, AP000512, AC004148, AL009181, AF196971, X55448, AC002527, AC005821, Z99714, AC006387, AC002375, AC006547, AC005041, AC006285, AC002347, AC002045, AC002418, AC003010, AC005520, AP000248, AC005192, AC005225, AP000346, AF001549, AC006480, Z93017, AC005899, AL096801, AL096817, AC003982, AL121652, AC005189, AC005968, AC005212, AL035683, AL049829, AF196779, AL022320, L44140, AC005971, AL022721, AC005701, Z85987, AL133448, AL109865, AL031055, AC004236, AC000097, AC006026, AC004682, AC004894, AC005015, Z99716, AC001228, AL133245, AL035400, AB023049, AL031286, AP000279, AC004797, AC007226, AL139054, AP000260, AL034429, AF111168, AB023050, Z95116, AC007284, AC006046, AL034402, AL117344, U91325, AL121655, AC008101, AC004638, Z86090, AC004526, AC002073, AP000038, AP000106,</p>
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2032	HWLDZ74	892558	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 969 of SEQ ID NO:2032, b is an integer of 15 to 983, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2032, and where b is greater than or equal to a + 14.</p>	<p>AC005740, Z95331, AP000194, AC002996, AL049869, AC005531, AC006556, AP000114, AP000046, AP000099, AC016025, AC004890, AC004024, AC005081, AP000043, AC003950, AC007688, AL035415, AC005914, AC001050, AC007458, U95742, AC004832, AC005154, AF205588, AC005221, AC002477, AC016830, Z94044, AC006146, AC004019, AC006077, AL117330, AL035089, AC009516, AP000036, AC006023, AC002400, AB000882, AC004020, AC004821, AC004814, AL132777, AL031311, AL117337, AC006064, L78810, AP000556, AC004699, Z84466, AC005332, AL109627, AL121653, Z93244, AC005969, AL022312, AC006958, AC005484, AL035455, AP000050, AL049635, AC003051, AC005488, AC006040, AC005562, AL133163, AC003029, AC004815, AC007637, AC005037, AC006160, AF196969, AC005585</p>
2033	HPJEB77	892563	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 708 of SEQ ID NO:2033, b is an integer of</p>	<p>AA337226, AI963222, AA336474, AI709289, AL079710, AI333306, AI095635, AI148461, AA593438, AA460382, N99226, F35658, F28539, AI674747, AI263147, AI689623, AI703331, AI304941, H46234, AA634465, AA336555, AA337527, AC004150, AC006024, AC006116, AC006539, U82672, AC005592, AC007204, Z98747, AC006271, AC004045, AC007993, AF146191, Z54951, AC007284</p> <p>H09290, AA806214, AA427513, AI904853, AI126879, AI910856, AW015950, AA134019, AA292157, AC009514</p>

2034	HNTS171	892820	15 to 722, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2033, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 541 of SEQ ID NO:2034, b is an integer of 15 to 555, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2034, and where b is greater than or equal to a + 14.	W93943	
2035	HCQDQ92	893223	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1070 of SEQ ID NO:2035, b is an integer of 15 to 1084, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2035, and where b is greater than or equal to a + 14.	AA641005, AI762083, AI587618, AA143709, AW299688, AA524042, AI686577, AA143723, AA534417, AW000937, AI924527, AI924182, AA143746, AI478257, AW338896, AA999953, AI625051, AI417467, AA125991, AA233660, AA233546, AA612904, AA826318, AI597567, AA906335, AA143761, AA126071, AI873680, AI380837, AA056595, AA862082, AI910769, AI380247, AA411502, AA328454, AI927431, AA481473, AI368169, AA434336, AI002848, AA056638, AW177469, AW177487, AI829000, AA468833, U54603, AI916081, AW352026, AW365560, C00614, AW178439, AW292063, AW177675, AF216312, E13203	
2036	HWLCU24	893457	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	AA479821, AA432116, AI571125, AW016789, AI888160, AI991410, AI277106, AI431499, AA938157, AI422352, C06416, AI051837, AA425359, W63640, AA479700, T66755, AW235659, AI978666, AI765490, AI121547, H61675, T93682, AA427558,	

		<p>is any integer between 1 to 331 of SEQ ID NO:2036, b is an integer of 15 to 345, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2036, and where b is greater than or equal to a + 14.</p>	D52448, H49249, N54156, AA836066, AL043731, AA682248, AI887332, AI476215, AI207979, AI954997, AI954988, AI589450, AA609914, AI912009, AI218832, AI951761, AA609757, R77260, R60869, AI460050, AW058594, AW300537, AA782792, AA458911, N26791, AA708893, AI168124, W74653, AI148331, AA188960, AI114875, AI915018, AI598035, T05685, AW168412, AA454639, AA086016, AI745505, AA676964, H01261, AA129320, AA456251, AI653352, AA890006, AI096408, AW170047, AI247405, AI263393, AI081330, AI379150, AW015475, AA342341, H95038, AI814630, R08763, AI382384, AI273553, AI748817, N47474, AC005062, AF071240, AC005204, D37888, AF001893, AC005839, U46840, AC005082, AJ249224, X87116, D37887, Z97054, Y09257, X96585, AL033530, AC008109, AF175325, E15279, Z84484, AC005992, AC007298, M33644, AC007917, AC004467, AL078630, AC006115, AC005670, AC007461, AC000117, AL022401, X57080, AC007216, AC018769, AC009946, AL049543, AC005483, X79482, AJ388050, AC005884, Z93942, U09051, AC006112, AC002543, AF154112, AC004903, AF112374, AC006989, AF227510, AL109753, AC006075, Z83818, AB020867, AP000547, M28552, AC006455, AL022069, AC002467, AC005061, AC007437, AC004659, AC007239, AF131217, X52507, AC006151, X59370, Z83745, AC006196, AL078581, AC004001, X52617, A79336, U08407, AC005938, Z97180, AC004620, AC004533, AC006992, AP000459, AC002454, AC004849, AC006374, AL024506, AF178030, AL117338, AL109847, AC007320, M27933, AB017353, Z98043, AC005502, AL031177, Z96253, AF146793, AL049588, AF130342, AC012152, AC006324, U94853, AL035530, AF185591, AC004035, AL049635, I66426, AC003993, AL008723, AF001905, U85195, AF165142, AC004492, AP000696, AC009300,
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2037	HSDIY15	893827	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1200 of SEQ ID NO:2037, b is an integer of 15 to 1214, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2037, and where b is greater than or equal to a + 14.</p>	<p>AE000658, AC004959, AC016831, AC007237, A13477, AC007510, AC005742, AC000353, AC006064, A1109623, AC000159, AF109076, AF053356, AC002041, AP000066, AC005835, AP001171, AC007970, AC011456, AJ010688, U08869, AC005345, AC006972, AL023279, AC006478, AC005262, AP000884, AL079305, AF061032, AL023280, AL133241, AC005105, AC007058, AC005355, AC004108, AR031020, AC004391, AC007021, AC005513, AC005225, AF002166, AF015149, AC005723, AC006031, AF064863, AC007226, AR036572, U91328</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1200 of SEQ ID NO:2037, b is an integer of 15 to 1214, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2037, and where b is greater than or equal to a + 14.</p>	<p>AI133205, AL037682, AI114520, AI064817, AL036965, AL037211, AI207400, AI174949, AI174789, AG61919, AI174746, AL037212, AI133183, AW131769, AA826080, AI133103, AI064872, AL047790, AL037712, AI133447, AI557213, AA196323, AI557510, AI708887, AI064799, AI557501, AA639310, AA618404, AA130931, AA528236, AA176793, AA468368, AA643792, AI720756, C18264, AA149472, AL036525, AA176099, AA723030, AA533271, AA730806, AA814574, AA524681, AA155674, AI133076, AA211175, AI735145, AA176952, AI130534, AA526147, AA115162, AA293175, AI734894, AA188082, AA888633, AI954154, AL046874, AI253288, AA456356, AA487686, AA641711, AA468936, C17903, AA657662, AA613948, AI557378, AA069837, AI832615, AA149557, AA188546, AA535388, AI707485, AI031781, AA876497, AA270369, AI708877, AA493596, AA211174, AA143743, AI557052, AI986169, AI978768, AI253289, AI872466, AA180918, AA937682, AA070665, AA533010, AI453086, AA583899, AA885561, AI205258, AI133019, AA610163, AI613175, AI535649, AA469011, AA151710,</p>

	AA578931, AA502034, AG53010, AI453374, AA088752, AI564738, AA513214, AI812066, AI718381, AI057631, AA552282, AI862343, AA879175, AA579454, AI133109, AI625924, AI569517, AI880251, AA522574, AI130876, AA100886, AI267882, AA074099, AI242732, AI523331, AA947056, AI799288, AI041459, AI499399, AA086434, AL047605, AA101240, AI926578, AW151535, AI921645, AI735153, AI889237, AI197115, AI719836, AI610718, AI832704, AA669697, AA857010, AA468008, AI801089, AA935460, AI749770, AI635150, AI670796, AA856914, AI147985, AA652921, AI630885, AI707630, AA536131, AI269472, AI475977, AA659428, AA533389, AA602791, AI124539, AI273169, AI253340, AI801192, AI720378, AI749886, AI217009, AA603147, AI697158, AI720483, AA661870, AI091584, AI832890, AA394073, AI214988, AI253350, AA618229, AA081105, AW276922, AI366469, AA566063, AI557420, AI750108, AA575849, AA829092, AI459667, AI917999, AI216206, AL047639, AI720230, AI494209, AA469210, AA468066, AA744189, AW071131, AA586683, AA506661, AA658333, AA193059, AA486739, AA074102, AA603867, AA757697, AI199984, AA618302, CI7416, AA771977, AA526043, AI720323, AA502487, AI469695, AI080487, AI720329, AI721040, AI832984, AA533449, AI832445, AI832524, AI460107, AI366465, AI459785, AA226422, AA563955, AI748972, AA095036, AA211188, AI720479, AA708210, AA485747, AA600898, AI832459, AA174120, AW166854, AA192955, AI688903, CI8862, AA775370, AI031761, AA650170, AW152114, AA548147, AA545759, AW073702, AI525138, AA187609, AI888829,

2038	HSAAR81	893842			<p>AI250266, AI366365, AI572029, AA578760, AA876982, AI580012, X62996, V00662, J01415, D38112, X93334, U09500, X93339, D38116, X93338, X93335, D38113, X93347, D38115, X97707, U38274, AJ010581, AJ010580, AJ010582, AJ010583, Y13303, U38263, Y13302, Y13305, Y13304, AF081052, AJ010559, AJ010558, AF081049, AF088927</p> <p>AI635278, AI174861, AA373755, AI250672, AI075000, AW073879</p>
2039	HNDAD16	893866		<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 442 of SEQ ID NO:2038, b is an integer of 15 to 456, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2038, and where b is greater than or equal to a + 14.</p>	<p>W95642, AW167728, AA716097, AI281282, AA552443, AI143630, AI332337, AA315762, AA953818, AI346752, AA974853, AA631397, AA632754, AA552321, AI762067, AI748945, AA337636, AA614535, W60395, AA507878, AI973218, AA580138, AA345906, AA633399, W32686, AI474125, AA554791, N74131, AA808607, AI983974, W60304, AA384262, AA319354, AW265199, AA327250, W20434, AI985964, AA336734, AI350070, AA384635, AA337338, AA327500, W81242, AA327340, AA327546, W81706, AA327502, AA327154, AI460270, AI459674, AA029583, AI187009, AI832569, AW364159, AI183698, AA468623, AA928702, AW176584, AI973212, AI749833, T29881, D25724, AA314975, AA029584, W95644, AA574221, I95749, L15203, L08044, U25654, U25656</p>
2040	HCNSE58	893867		<p>Preferably excluded from the</p>	<p>AI281282, AI143630, AA315762, AA552443,</p>

2041	HSVCD79	894012	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 639 of SEQ ID NO:2040, b is an integer of 15 to 653, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2040, and where b is greater than or equal to a + 14.</p>	AA974853, AW167728, AA716097, AI332337, AI346752, AA953818, AI748945, AA631397, AA808607, AA580138, AA507878, AA614535, AA552321, AI762067, W60395, W32686, AA632754, W60304, AI983974, AI973218, AA633399, AI985964, AA554791, AA314975, N74131, W20434, AI350070, AA337636, W81242, AI832569, W81706, AI183698, AA468623, AI459674, AI749833, AI460270, AA928702, AI187009, AW364159, W95642, T29881, AA345906, AI474125, AI973212, AW265199, D25724, AA384635, AA384262, AA327250, AA336734, AI561269, AA327500, AA327546, AA574221, AA327340, AA029584, AA327502, AI699171, AW176584, AA327154, AA532852, AW188590, AA558976, AI560870, AI749877, AA319354, AW007096, W95643, AA337338, AA384655, AA029583, W95644, AW392670, AW291863, Z99396, AL119319, AL037205, AL119401, AW372827, U46350, AW363220, AW384394, AL119439, AL119484, AL119391, AL119324, AL119522, AL119457, U46347, U46351, AL119483, AL119418, L15203, I95749, L08044, U25657, U25656, U25654, AR060234, AR066494, A81671, AB026436
2042	HSIFA27	894051	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1902 of SEQ ID NO:2041, b is an integer of 15 to 1916, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2041, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the</p>	AA429308, AW138602, AW024259, AA558588, AI492469, AI367813, AA428240, AA719541, AA88930, AI190902, C14850, AI217028, D60222, AI286160, AA737138, R79200, H64703, R79465, AA737139, AI268290, AF023259
				AI972556, AI968208, AW274901, AI744720,

2043	HTTKV46	894121	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1581 of SEQ ID NO:2042, b is an integer of 15 to 1595, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2042, and where b is greater than or equal to a + 14.</p>	<p>AI885290, AA449113, AW152432, AI479938, AI800087, AW390446, AI800088, AI799502, AI859002, AI423145, AW088405, AI858842, AI990019, AI809596, AI401062, AI360174, AW197421, AI689608, AW197663, AW103934, N42254, AI218225, AI206902, AI376613, AI219568, N59385, AA053930, AA534904, AI656541, AI128371, AI360254, AI285163, N32810, AA428038, N39444, AA776360, AW088291, AI817703, AA421739, AI565066, AI674914, AW190558, AW194393, AW276699, AI361508, AI824832, AW451191, R91784, AW390451, AA427924, AA257059, AW071546, AI081359, AI189019, AI002857, W93989, AW206484, H55900, AA034237, AA127466, AW188281, AI290045, AA447735, AW027775, AA773930, AI633932, AA364666, AA327290, R82206, AW027950, AI638501, W93800, AI690373, AW027793, AI143661, R59973, AA503464, R82261, R91785, N63596, AW276891, AW276821, AW182096, H01166, H01251, N29781, H24046, H13082, R27203, AI811525, AA055340, AA319583, AA358644, AA904821, AI274485, R27202, AA127579, R46792, N57202, R67153, AI803875, H13286, D25758, AI653480, N77073, AA055339, H24153, C04100, AA502410, N48556, AI874167, H61875, AI783927, AA453668, C15384, AB018305</p>
2043	HTTKV46	894121	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1047 of SEQ ID NO:2043, b is an integer of 15 to 1061, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2043, and where b is greater</p>	<p>AI678077, AI884863, AI869333, AI884942, AI859296, AA829937, AW250313, AW300936, AI571293, AW273060, AW248281, AA582906, AA928110, AA283711, AI589898, AI038859, AA594105, AA828316, AA906924, AA938955, AW170665, AW172642, AW248955, AA975490, AI123879, AI367867, AI826097, AW272915, AW070748, AA316879, AI089508, AI086474, AA661759, AI566244, AI015067, AI538087, AW245061, AW000868, AW409921, AA688299, AW250988, AA827720, W58033, AI953468, AA211097,</p>

			<p>than or equal to a + 14.</p>	<p>AW078745, AI891144, AA994072, W79220, AI471577, W74508, AI922589, AW102638, AA918328, AA826730, AA969243, D56355, AA991461, H51344, H73020, AW089131, AA355115, AW340401, AA210923, AW168828, AA290724, T19021, W57949, AI362888, T29587, AA876186, AW268964, AI307442, AW304648, AW075100, AA380031, M91218, AW073433, AI802854, AI345036, AW071289, AI349002, AW075177, AI307208, AW072721, AI334909, AI312145, AW073656, AW071374, AI340734, AW075033, AI307478, AI348921, AI252839, AI307493, AI255068, AW073456, AW072496, AW302738, AW075181, AI583899, AW301481, AW271034, AI334911, AW074937, AI345565, AI334881, AW075006, AW072513, AI252926, AI252463, AI251289, AW074809, AI255052, AI307559, AW071420, AI270156, AI610913, AI251264, AI802837, AI583896, AA824526, AW072520, AI252160, AI251662, AI309390, AI334886, AI340619, AI252075, AI254764, AI251262, AW075183, AW302733, AW073049, AI251232, AI270787, AI247038, AW072901, AI054335, AI313336, AI246087, AW271039, AW271867, AI349195, AI269525, AI340589, AI250128, AI334733, AI054060, AI289711, AA464019, AI053722, AI340643, AI054057, AW071311, AI054302, AW074866, AW302327, AI054217, AW302085, AI054172, AI053900, AA293354, AW301901, AI054079, AI271496, AI254494, AI252427, AA993616, AI307473, AA496372, AA464729, AI566787, AI885746, AA496649, T90849, AW071307, AI565286, H7912, AI865061, AA426470, AI354978, AA912601, AW249375, AI345688, AI307618, AI345677, AI312210, AI340533, AI345130, AI254134, AI340511, AI349742, AI334895, AI307507, AI310927, AI336488,</p>
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2044	HHGCE29	894341	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 639 of SEQ ID NO:2044, b is an integer of 15 to 653, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2044, and where b is greater than or equal to a + 14.</p>	<p>AI312271, AA995486, AW086285, AI254533, AI336565, AI334738, AI312261, AI609420, AI307549, AI307734, AI348847, AI345156, AI862220, AI307569, AI336654, AI310582, AI312959, AI311149, AI336503, AI310606, AI313346, AI336643, AI344808, AI309391, AI345143, AI309431, AI345527, AI312165, AI345739, AI312143, AI378721, AI344260, AI348981, AI348995, AI310940, AI344843, AI310571, AI307526, AC005324, M91670, AJ388535, AF093119, X70685, X72624, Y09972, AF069506, AF159148, AF144082, AL050280, AL133557, AF038440, AF113694, X92070, Z70226, AC000030, IS2013, S73498, AC002480, AI252868, AI305762</p> <p>AA490691, AA525138, AA513505, AA442532, AA256875, AW194680, AA479366, AC009336, X71422, X60395, X60762, M81249, D10288</p>
2045	H CYBE73	894397	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 342 of SEQ ID NO:2045, b is an integer of 15 to 356, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA305176</p>

2046	HWLVS05	894631	<p>NO:2045, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1425 of SEQ ID NO:2046, b is an integer of 15 to 1439, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2046, and where b is greater than or equal to a + 14.</p>	<p>AI952147, AA827782, AIS23970, AW008938, AA236865, AI673370, AW043829, AI143323, N36986, AA306716, AI361743, AA460666, AW080829, AI914077, AI214786, AA862831, AI963652, AI913070, AI805253, AI423188, AI003936, AA994686, AI130868, AA533231, AI358965, AI873692, AA569719, AA865951, AA644481, AI272308, AI445569, AI130923, AI418685, AI669710, C00906, R85067, AA847433, AA502585, AA968581, AI088486, N46300, AA176755, AL048511, AA179075, AW163823, AW162071, AI274452, AL042488, AI799540, AI961393, AA904283, AI290128, F35031, AI582822, AA088789, AA829775, AI270039, AI679800, AW262565, AL042515, AI918424, AI884459, AA807326, AL122098, S68736, A57389, AL137562, AF158248, U72071, X79812, AL049959, AF070632, U92068, AJ131955, AF169154, AF030165, Z30970, AL096709, Z49258, AC006561, AL022396, Z98049, AC007370, AL049540, AL021391, U94316, AP000250, AP000133, AP000211, AP000030, AF162270, I80845, AF107018, U77594, AL080074, AR029580</p> <p>AL134920, AL042896, AL119443, AL042965, U46341, AI142139, AL119418, U51899, A81671</p>
2047	HCRMV27	894806	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 572 of SEQ ID NO:2047, b is an integer of 15 to 586, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2047, and where b is greater than or equal to a + 14.</p>	

2048	HCRO122	894811	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 881 of SEQ ID NO:2048, b is an integer of 15 to 895, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2048, and where b is greater than or equal to a + 14.</p>	<p>AA279019, AA279229, AW392083, AI770039, AL134531, AW372827, AL119439, AL119484, AL119363, AL119391, AL134528, AL119444, AL119496, AL134538, AL119418, U46346, AB026436, A81671</p>
2049	HCQAF06	894818	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 129 of SEQ ID NO:2049, b is an integer of 15 to 143, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2049, and where b is greater than or equal to a + 14.</p>	
2050	HKCSA83	894820	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 562 of SEQ ID NO:2050, b is an integer of 15 to 576, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2050, and where b is greater than or equal to a + 14.</p>	<p>AW360811, AW177440, T03269, AW375405, AW178893, AW179332, AW366296, AW367950, AW360817, C14389, AW179328, T48593, AW178906, AW375406, D80439, AW378534, D58283, AW377672, D51799, AW179023, AW178905, D59859, D80022, C14331, D80166, AW177731, D80195, D80193, D59927, D59467, D51423, D59619, D80247, AW378528, D80210, D80391, D80164, D59275, AW178762, D80240, D80253, D80038, AW179019, D80043, D59787, D80227, D59502, AA305409, AW378532, AA305578, AW377676, AW352170, AW178907, AW178908, D80251, AW178914, C06015, AW378533, D45260, AI525923,</p>

2051	HSBA104	894824	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 566 of SEQ ID NO:2051, b is an integer of 15 to 580, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2051, and where b is greater than or equal to a + 14.</p>	C03092, AA285331, AW378542, AI525917, AA809122, T11417, F13647, AI525920, AA514184, AI525227, AI525913, AI525925, I50126, I50132, I50128, I50133, Y09669, AR066488, AR016514, D89785, AR066487, AR060138, A84916, A45456, A67220, A62300, A62298, Y17188, AB028859, A82595, A78862, D34614, A94995, D26022, AR060385, A30438, AJ132110, AR018138, A26615, AR052274, A43192, AR008278, X67155, Y12724, A43190, AR038669, AF058696, A25909, AR008443, AB002449, D88547, Y17187, D50010, A63261, A70867, X82626, AR062872, AR025207, AR008408, AR016691, AR016690, U46128, A64136, A68321, D13509, I14842, AR054175, AR060133, X68127 AI809563, AA375259, D50995, D80043, D80268, C14389, D58283, D80188, D80391, D59787, D51423, AW360811, D80247, D50979, D80196, D80439, D80522, C14014, D80212, D51022, D59859, D80022, C14331, D80166, D80195, D59467, D59619, D80210, D51799, D80164, D59275, D80240, D80253, D80038, D80227, D59502, AA305409, D59927, D81030, D80248, D81026, D80269, D80366, D80219, AA305578, C15076, D59610, D57483, D51060, D59889, D80193, D80133, D80045, D80024, AA514186, AA514188, D80302, D80157, D80378, D51103, AW177440, D51759, D45260, D80241, D80251, AW178893, T03269, C06015, AW377671, AW375405, H67854, AA809122, AW178906, AW366296, AW360817, AW179328, T48593, AW375406, AW378534, F13647, AW179332, AW377672, AW179023, AW178905, AW177731, AW378528, AW178762, AW179019, AW378532, AW352170, AI525923, T11417, C03092, H67866, AW179020, AW377676, AW352171, AI525917, AW178907, AW178908, AW179024, D51250, C14227, AW360834, AW177733, C14973, D58101, AI525920, D59317, AW367950, AW177456, T03116, AI525227,
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2052	HCQCD80	894827	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 557 of SEQ ID NO:2052, b is an integer of 15 to 571, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>H67854, D80024, D51079, D80014, D80188, D81111, D80251, D80366, D57483, D80253, D59889, D51423, D59859, AA809122, D51053, D80248, D50979, C14389, C14014, D80268, D80439, D58246, D45273, D81030, D45260, F13647, D80157, AI557774, H67866, C15076, D80166, D80212, C16955, D59619, D80133, D80210, D51799, D59551, D80240, T11417, C03092, D80219, D58283, D80258, D80064, AA305409, D81026, D80269, D80022, C14331, D80195, AA305578, D59627, C14973, Z33452,</p>

2053	HCQCF52	894830	<p>NO:2052, and where b is greater than or equal to a + 14.</p>	<p>D80196, D59467, D80247, C14227, D51022, T02974, D59503, D80168, D80391, D80164, D59275, D80045, D80038, C06015, D80043, D59787, D80227, D59502, D50995, D51103, Z21582, D59474, D59610, D51221, D59317, D80302, D80522, D59927, D59653, D51759, D51060, AI535686, C14046, C14344, C14407, C14298, D58101, C05763, AI525235, AA514186, D80193, D51213, AA514188, AA514184, T02868, D80241, D60010, Z30160, D80378, AI525912, C13958, AI525920, T03116, D80949, AI525242, T03048, AI525222, AI525917, AI525228, AI525215, AI525216, AI525227, AI525238, AI525237, C75259, AI525239, N66429, AI525923, C05695, AF176838</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 793 of SEQ ID NO:2053, b is an integer of 15 to 807, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2053, and where b is greater than or equal to a + 14.</p>	<p>AA227515, AA668992, AA521270, AA642411, AA912934, AI769898, U66679, AW104620, AI128014, AA887445, AA767655, AI827845, AA527308, AA521033, AA403157, AA769395, AI678722, AI806729, AI311483, AA705237, AA824500, AA971136, AI685026, AA403158, AA854414, AI276471, AI247618, AI675494, AI675399, AA733151, AA363682, AA507532, AI400404, AA974072, AI810257, AW273711, T78010, AW136893, F34862, AA626765, R08913, AA056272, AA743512, AA369621, AA577252, C14331, AA809122, AI557751, D51799, D59502, D80195, D80038, D80164, D58283, C14429, C14389, D81026, T10733, D59467, D59275, D80302, D80227, C15076, D80439, D80269, D80022, D80166, D80193, D59619, D80247, D80210, D80391, D80240, D59859, D80045, D50979, D59787, AA305409, D51423, D80253, D80043, D81030, AA305578, D80212, D80196, D80188, D80219, AA514188, D80268, D80366, D51022, D80248, D80522, D50995, C06015, D59927, C14014, D51060, D59610, D57483, D80378, D51103, D80133, D59889, AA514186, D80024, D80157, AW360811, AW177440, D51759, D80241, C05695, D80251, AW178893,</p>

					T03269, AW377671, AW375405, D59653, C75259, C14344, AW366296, AW178906, AW360844, AW360817, AW179328, T48593, AW375406, D59373, AW378534, AW179332, AW377672, AW179023, H67866, AW178905, AW177731, AW378528, AW178762, AW179019, D45260, AW378532, AI525923, H67854, T03116, C03092, D59503, AI535686, D80064, AW177501, AW177511, C14407, N66429, AW179020, D59317, AW377676, AW352171, D80258, AW352170, T11417, AW178907, AW178908, AW179024, D58246, AW352117, F13647, AW177456, D51250, AW360841, AW360834, AW352120, AW177733, AW177505, AW176467, AW178775, D81111, AW367950, AW178909, AW179004, D59551, AW179329, AI525917, AW178980, AW178986, AW178914, AW178774, C14227, AW178754, AW179018, AW352158, D80014, AI535665, C14973, AI525920, AW378533, D59695, D51221, D59474, D60010, AI535959, AI557774, D60214, AA514184, AW179009, AW179012, AW178911, AI525227, AW378543, AW378525, AW378540, AW177722, AW352163, D52291, D58101, C14046, AW177734, C14957, AI525235, AW177728, AI525925, D80949, D59627, AI525242, T02868, AW178781, AI525215, D51213, D45273, AI905856, AI910186, D59976, AI525912, AA285331, AW378542, AF038950, AB005289, AF078777, AF133659, AR028561, U43892, A82595, A30438, A62298, A84916, AR018138, A62300, AR060385, Y17187, AB028859, AJ132110, AB002449, AF058696, Y17188, AR008278, I50126, I50132, I50128, I50133, AR008277, X82626, AR008281, AR016514, AR016808, X67155, AR060138, A45456, I14842, A94995, D26022, A26615, AR052274, A43192, Y12724, A43190, AR038669, A25909, A67220, AR066488, Y09669, AR066487, X68127, D89785, A78862, D34614, AR008443, U46128, AR054175, AR016691, AR016690, D50010, D88547, A63261, A70867,

2054	HCQDE22	894831	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 829 of SEQ ID NO:2054, b is an integer of 15 to 843, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2054, and where b is greater than or equal to a + 14.</p>	<p>AR062872, AR008408, AR025207, I79511, A64136, A68321, D13509, AR060133, I82448, AF123263, AR032065</p> <p>N58518, AA699859, AA677543, AC006556</p>
2055	HWLVU33	894832	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 739 of SEQ ID NO:2055, b is an integer of 15 to 753, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2055, and where b is greater than or equal to a + 14.</p>	<p>AA775419, AI273235, AI754154, AI446402, AI640735, AI468600, AA602645, AI675266, AA460180, AI382693, R40043, AA813916, AL119457, AI110849, AL042544, AL042382, AL119399, AL079794, AA225339, AI468872, AW262565, AI499463, AI680498, AI362637, AI491852, AL043326, AL135661, AI224992, AI648684, AL045903, AI679990, AI590118, AW148716, AI446092, AI282326, AI554245, AI857296, AI701074, AI569616, AI446605, AW087445, AW071417, AI636445, AI567360, AI591316, N42321, AI269696, AI500039, AI758437, AI612920, AI570384, AI801766, AA640779, AA287231, AI811344, AI520785, AI886124, AI690312, AI590120, AI475451, AL040243, AI554427, AI273142, AI097248, AW103893, AW150578, AI869367, AI868831, AI633419, AI433976, AI280747, AW302988, AW274192, AI687065, AI612759, AI800453, AI800433, AI684265, AW023590, AI273048, AI539771, AI816947, AI610756, AI274013, AI500146, AI537677,</p>

	AI859511, AA427700, AW170635, AI539153, AW075084, AW118512, AW131954, AW196141, AW192375, AI554484, AL036361, AI568296, AI912866, AI885974, AI571551, AW168795, AI281779, AI252813, AI453322, AI498579, AW002342, AI824557, AI702433, AI343059, AI799199, AW082040, AW102785, AI561299, AI610645, AI349933, AW301409, AI888953, AW088903, AL038565, AW088793, AI866002, AI828731, AI866608, AI866111, AI919345, AW162071, AI251830, AI366549, AI636719, AW238730, AI802542, AL120736, AL036214, AW074993, AI349614, AI800411, AI538085, AI445165, AW268253, AA508692, AI312152, AI952360, AI264741, AI340582, AI784252, AW132034, AW193000, AI349937, AI702406, AI567993, AW301410, AI571909, AI349004, AI620287, AI917055, AI307708, AI318280, AI680388, AI308035, AL036146, AL036759, AI815855, AI679504, AI873704, AI923768, AI682743, AI678302, AL079963, AW403717, AW071349, AI439478, AW268220, AI560099, AW103371, AI273843, AI521012, AI270707, AA470491, AI281837, AW243820, AI801152, AI439745, AI632033, AI434223, AL079741, AW301505, AL045500, AI922901, AI249257, AI590999, AI569583, AI572787, AI564247, AI282281, AW075351, AI925156, AW169653, AW303061, AW148320, AI608936, AL119863, AW075413, AI500077, AW167410, AI282903, AW300889, AI862144, AI439717, AI567612, AI284131, AI570989, AI312428, AI619749, AI567351, AL134259, AI431424, AI250663, AL119828, AI343112, AI349645, AL036980, AA938383, AI133559, AI349598, AI572676, AL036802, AI269862, AW071177, AI476109,

	AI345735, AI648663, AL036396, AI950664, AI872074, AW168723, AI538716, AA613907, AW089572, AI334884, AI348897, AL036274, AI433157, AI500659, AW068845, AI612885, AI340627, AI634224, AI445237, AW151138, Y11587, AF158248, S68736, I48979, AL122093, AL122050, AF125949, AL133640, AL110196, AL133016, AL117457, AL137557, I48978, A08916, AF113013, I89947, AF078844, A08913, S78214, I89931, A93016, AL080137, AF118064, L31396, L31397, AF017152, AL080060, AF113694, AF113691, AL050393, AL133565, AF113690, AF113019, AF090934, A65341, AL137459, AL137527, U42766, AF090943, AF090900, AF113676, AF111851, I49625, AL133557, AL110221, AF125948, AL050146, AB019565, E03348, AF118070, X84990, AL050149, AL133606, AF104032, AL049314, AL133093, AL080124, AL049452, AF113677, Y11254, AL050116, AF091084, U91329, AL122121, AF017437, AL049938, AJ242859, AL117460, AL050108, AL110225, AL117394, X63574, AL122123, AR011880, AF113689, AF090903, AL096744, AF146568, AF090896, AF090901, AR059958, AF079765, AF106862, Y16645, AL117585, AL133075, X82434, AJ000937, AL133080, AF113699, AL049466, AL137550, AL050277, E07361, AJ238278, AL049464, AL050138, A08910, AL133560, AL137283, AL122098, AL049382, E02349, AF177401, AL049300, AF097996, AL117583, E07108, AL080127, U00763, AL117435, A58524, A58523, A08909, AL049430, Z82022, A77033, A77035, AF118094, AF183393, A08912, I33392, AL050024, X72889, AL137538, X70685, U67958, AL133113, AL137271, I42402, A12297, X96540, AF061943, AL137648, I03321, AL137463, X93495, U35846, AL137521, X65873, A03736, AL122110, U80742, U72620, AL137560, I09360, AL049283, AJ012755, AF119337,

2056	HAIJAY88	894842	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 4002 of SEQ ID NO:2056, b is an integer of 15 to 4016, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2056, and where b is greater than or equal to a + 14.</p>	<p>AF087943, AL122111, AF067728, AL080159, AL133072, X98834, AL050172, AL110197, E08263, E08264, U77594, A07647, AL122049, E15569, AF000496, U39656, S61953, AL133568, AF000145, Z72491, AL137476, AF026124, U96683, I17767, Y09972, I26207, AL133077, AF111112, AF057300, AF057299, M30514, AL137556, AF132676, AF061836, A93350, AL133014, AF026816, AF003737, AF095901, A08911, AL137523, I00734, I66342, U68387, Z37987, E00617, E00717, E00778, E02221, AL133104, AL080074, AR013797, AL137526, AF081197, AL133098, AF079763, AR038969, AF067790, A45787, E05822, AL110280, AF106827, Y14314, AC006371, AL133067, AF153205, AL137429, AF100931, E04233, AF118090, AF185576, X83508, AF162270, AF081195, L19437, AL117440, AR038854, AL137533, A90832, Y07905, X62580, AJ006417, X53587, AF111849, L30117, AF061573, U49908, AL137705, AF008439, AC004200, X87582, U58996, AF000301, E08631, AL137300, AL122118, U88966, AR054984, AL080158, AL023657</p> <p>AI432644, AI623302, AI432655, AI431310, AI432654, AI431337, AI431328, AI432651, AI432677, AI432666, AW081103, AI432653, AI431312, AW128900, AI431347, AI431230, AI431354, AI431346, AI432662, AI431353, AI492519, AI431255, AI431243, AI432649, AI432647, AI432661, AI432675, AI431248, AI432650, AI431330, AI432665, AI431357, AI431351, AI431345, AI432672, AI431254, AI432676, AI431241, AI432673, AI432658, AI432674, AI431340, AI432664, AI431307, AI431316, AI791349, AW128897, AI432657, AI431247, AI431358, AI492520, AW129223, AI432643, AI431751, AI492509, AI492510, Y17793, AF064854, AF019249</p>
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2057	HCRPM46	894878	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 573 of SEQ ID NO:2057, b is an integer of 15 to 587, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2057, and where b is greater than or equal to a + 14.</p>	<p>AL119319, AW392670, AL119418, AL042551, AW372827, AW363220, AW384394, AL119497, Z99396, U46341, AL119483, AL119457, AL119443, AL119324, AL119484, AL119363, AL119341, AL119391, AL119355, AL134531, AL134518, U46351, U46349, AL042965, AL119399, AL119335, AL119522, AL119396, U46350, U46347, AL119496, AL119444, U46346, AL134528, AL042975, AL134538, AL042542, AL037205, AL134920, AL134533, AL119439, AL042614, U46345, AL043019, AL042984, AL043029, AL042896, AL043011, AL042970, AL042450, AL042544, AL043003, AL119488, AL119464, A81671, AR060234, AR056494, AB026436, AR054110, AR069079</p>
2058	HOEQ19	895122	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1049 of SEQ ID NO:2058, b is an integer of 15 to 1063, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2058, and where b is greater than or equal to a + 14.</p>	<p>AA307684, AA232750, AI417539, AA100160, AA232253, AA864846, AA244504, AA244505, R57782, AW364482, AW364479, AR044133, AR044123, AR044135</p>
2059	HKGBP52	895303	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2702 of SEQ ID NO:2059, b is an integer of 15 to 2716, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2059, and where b is greater</p>	<p>AW058657, AA400627, AI692280, AI342528, AI743405, AA400382, AI675621, AI808100, AI688291, AI340200, AI701582, AI813453, AW135173, AI343951, AI299820, AA393033, T03738, N24268, H98701, AI040531, R56558, H54669, AI830628, H01460, C16675, AA707616, H00353, AI146912, H01555, R21829, AI755214, AI754567, AI754105, R56559, AA535216, AI249688, AI080307, AL133377, AW131356, AI038304, R21894, AW103406, AI569100, AI858691, AI583142, AW192599, AI077941, AA176978, AA704393, AA602906, H00307,</p>

than or equal to a + 14.	AA491767, AA719073, AA659832, AW270385, AI884383, AI354423, AI061313, AI590458, AI679002, AW270255, AI679759, AI926728, AI590499, AW069227, AI732502, AI791458, AI609972, AI754336, AI590580, AI499376, AW022934, AI753113, AW277253, AW438856, AA584765, AA484892, AI791659, N71685, AA444166, H85383, AA171892, AW089950, AI572680, AA715173, AI636734, AA720702, T57096, AI707788, AA622801, T71936, AI431513, AA583386, AA525753, AI753488, AI340151, AC002565, AC004841, AC007766, AC005244, U63630, AL080317, AC007283, AC000159, U47924, AL035455, AJ010770, AC004013, AC004887, AC005067, AC007216, AL035454, AC005971, AC006064, AF129756, AC006581, AC005102, AL133163, AC004983, AC005081, AC009721, AC005088, AC005280, AC010170, AC004685, Z82976, AC006511, AC004148, AF045555, AC002551, AD000833, AC005670, Z98750, AL078581, AC005004, AP000505, AC006241, AL109628, AL033527, AC005365, AL109759, AL023575, AL049759, AL049643, AC005231, AP000213, AL049780, AC006530, AC005071, AP000135, Y14768, AC004476, AP000359, Z81364, AF176915, Z97183, AC005399, AP000687, AL034417, AL009181, AL035413, AC006006, AL109798, AC002477, AL135744, AC006317, AL031685, AL021407, AC005095, Z93017, AF134726, AF030453, AC005488, AC006141, AF024533, AC007055, AC002990, AC006930, AP000512, AC007250, AC007687, AC004534, AC007308, AC005332, AL034429, AL021331, AC006449, AC004518, AL034582, AC016025, AP000031, AC002395, AL080243, AC005531, U80017, Z93023, AC004922, AC005519, AC005914, Z83844, M63544, AC010077, AB023048, U91319, AC004895, AL022722, AF109907, AL139054, L47234, AL034423,

2060	HOUHL17	895372		<p>AC005005, S42653, AC005821, AL050307, AC004878, AL031659, AC005755, AC005666, AC004531, AC006014, AC002059, AC005871, AC004686, AE000658, AC005722, AC007363, AC004262, AC004805, AL109827, AL121572, AC005212, AC002545, AC004820, AC005527, AC002369, AC006277, AC003982, U85195, AC002558, AC004098, U07563, AC007011, AC007774, AC006312, AL023882, AL021453, L44140, AC004447, AP000518, AC004223, M30688, AC005228, AC005011, AL132992, AL031230, Z94802, AC005529, AC007559, AC004785, AB023054, AC007387, AF067844, AC004802, AC005261, AC005520, AP000346, AC002470, U62293, AL033392, AP000552, AC005625, AC006236, AC006318, AJ004799, Z97054, AC005479, AP000008, AC005618, AC005037, AC005565, AL009183, AC002316, AC000025, AC005182, AC006537, AC007151, AC002119, AC007384, AC007536, AL022323, AL034449, AC000379, AC005696, AC002544, AC005192, AL031670, Z77249, U95740, AL096678, AC007666, AC004551, AL031257, U89337, AC003962, AC007227, AL133500, AB015355, H54670</p>
				<p>AI672040, AL037809, AI921086, AW205338, AI1346874, AI379288, AI057116, AW152412, AA643506, AI753970, AW297898, AI089940, AI151007, AA747432, AA781418, AI287276, AI949867, AW055035, AA809274, AI375114, AA314065, AI610827, C05162, AI042079, AA449983, AI301820, AA436528, AA857802, AI695102, AI569128, AI287893, AI144264, AA831336, AW102601, AI933705, AI274322, T75244, AW449770, AI004208, AA436477, AI914752, AI580398, AI435344, AI025856, AI401764, D19611, AA632414, AA865513, AA872400, AI168700, AA459889, AI273820, AI124065, AA724118, R38638, AI269172, AA453119, F13485, AI467814, AI630648, C04391,</p>
				<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1999 of SEQ ID NO:2060, b is an integer of 15 to 2013, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2060, and where b is greater than or equal to a + 14.</p>

2061	HDPFB40	895675	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2581 of SEQ ID NO:2061, b is an integer of 15 to 2595, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2061, and where b is greater than or equal to a + 14.</p>	<p>AA448779, D57975, AI474663, AA627283, AW351677, AA362005, T06370, AA581145, F11298, H03672, AA383368, F08958, D62803, H03671, AI264956, C16419, F10353, AW388337, AA243374, AI796664, AI758552, AI695343, AW391667, AI800690, AI539480, H87103, AW150643, AC008498, AL021997, AI223386, AI279733, AI453754, AA838730, AL043887, AI373900, AI080395, AI223392, AI750397, AA813783, AI911812, AA253429, AI799380, F09731, AL043886, T81826, AI221738, T65287, T65235, AR052513, D50419</p>
2062	HWLOI29	895781	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 540 of SEQ ID NO:2062, b is an integer of 15 to 554, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2062, and where b is greater than or equal to a + 14.</p>	AC006050
2063	HCRMJ47	895927	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1834 of</p>	<p>AW084003, AA570505, AA526186, AW006250, AW007762, AI458032, AA149494, AI799666, AI341557, AI084783, AI190971, AI377966, AI085276, AI972710, AI962810, AW148913, AI380460, AI123203, AI122890, AW007426, AI863238, AA603986, AI307748, AI921067,</p>

2064	HLDXE66	896008	<p>SEQ ID NO:2063, b is an integer of 15 to 1848, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2063, and where b is greater than or equal to a + 14.</p>	AA149490, AI280975, AI336463, W73495, AI367500, W73595, AW149089, AI814701, AI766921, AW450642, AA235464, AI189309, AW072576, AI129064, AA574230, AA292528, AA650188, AI589229, AW294024, AI580733, AA037024, AI288103, AA877009, AI660255, F24537, AA578293, AA047125, AA864573, AI274628, AW188597, AI572782, AA374109, AI866359, AA558228, AA621604, AI264439, AA658397, AI652870, AA573559, AA573997, AI567038, Z39737, AW236431, AA243333, T81066, AI684973, AA034505, AW377101, AA372354, AA047126, AB027466, AR035961, AR037874, AR035966, AR035967
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 473 of SEQ ID NO:2064, b is an integer of 15 to 487, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2064, and where b is greater than or equal to a + 14.</p>	AI500518, AW328444, AW327862, AI971783, AW328440, AW328380, AW328614, AW327796, AW007896, AI628924, AW410322, AW409642, AW328007, AW328376, AW087373, AI754439, AW409590, AI287514, AA551550, AA501684, AI440000, AA603360, AI818460, AI201181, AI610070, AW409683, AA535393, AI699829, AI559540, AI506651, AA574413, AI827247, AW328350, AW328609, AA513486, AI754460, AW134985, AI755116, AW007719, AA283266, AA854768, AI497632, AA772414, AA496883, AW328320, AA679713, AI050044, AW020501, AI619744, AI339813, AA886011, AW250421, AI274211, F32918, AA579416, AA632536, AI567937, AI831479, AI151481, AI186976, AA877933, AI185119, AI620681, AA757769, AI690593, AA714364, AA558105, AI922235, AA632723, AA843775, AI924171, AI961721, AW250755, AW090148, AA491636, AI338728, AI123375, AW090155, AW081336, AI539209, AI890302, AW245791, AI573062, AI028444, AI863898, N64026, AI439763, AA847963, AI749978, AW261931, AI634383, AI191638, AI198771, AI719450,

	AI344453, AI718439, AI268677, AI631303, AI253560, AW250772, AI796657, AA536044, AA569292, AW169077, AI570813, AI697471, AI149358, AI355377, AA610275, AI674831, AI114866, AI565047, AI193415, AI571454, AW262848, AA600356, AW316876, AA536172, AI185211, AI660181, AW273029, AI818029, AW192285, AA580796, AI719806, W73177, AW080272, AI619835, AI620986, AI830017, AI478688, AI925379, AI813549, AI683998, AI745129, AI491901, AW338471, AI582160, N91538, AW090784, AI610180, AI697356, AI660159, AI925537, AI224078, AI859783, AW028278, AA598891, AI281231, AI289421, AW305195, AA908802, AW073669, AI800405, AI342580, AI432916, AW170472, AA513180, AA653476, AI272858, AI963461, AI620289, AI523503, AI891159, AI475307, R02544, F24388, N32326, AI270199, AI924530, AW242012, AA448266, AI557537, AI560707, F20364, AI754142, AA776791, AI206373, AI189997, AI510744, AA723534, AI831263, AW105711, AI979037, AA879052, AW118551, AI673755, AI951247, AI962912, AA737215, AW005146, AI624705, AA662258, AW023162, AA609197, AA984855, AI983037, AI921779, AI734902, AI573083, AI718498, AW170473, N32870, AI924173, AI523495, AW166489, AI860956, AW073952, AI818256, AI000938, N31753, AI583997, AI749136, AI333494, AA580751, AA879000, W85708, AA508174, AW328608, AI439940, AI689023, AI983079, AI924195, AW188874, AA491865, AA312014, AA908266, AI160628, AI860497, AI185035, AW084818, AI557538, AW273989, AW148607, AI735229, R16758, AI333611, AW079820, T50503, F21939, AW337470, AI160685, AA507934, W37825, AA483482, AW248884, AA046751, AI654327,

2065	HAIBM54	897234		<p>AI969498, AW245433, M36072, AC000089, X06705, AJ224080, AC004217, X61923, X52138, AC002107, AL034417, AB023058, AP000521, AL022723, AF055066, AJ224082, AC004192, AC004172, AJ224081, X15013, AC000399, AC005042, Z84469, D63790, AC004129, AL031736, AC007110, AL078595, AC002452, Y17212, T51109, T55719, T56886, T58519, T59899, T59990, H50847, H98782, N24572, N34014, N95637, W69735, AA025830, AA070711, AA079673, AA084650, AA085276, AA102516, AA148893, AA150738, AA156887, AA181948, AA187531, AA425933, AA428802, AA226324, AA279495, AA480450, AA484692, AA523996, AA535068, AA554440, F15687, AA586409, AA602157, AA603678, AA610650, AA632560, AA580635, AA730447, AA737209, AA862929, AA863478, AA885536, AA886913, AA954603, AA962430, AA975386, AA976970, AA991428, AA999672, N87911, AA641479, AA129690, AA211080, AA400765, F20644, AA775513, AA283334, AI078081, AI078082, T11296, AA693434</p>
2065	HAIBM54	897234		<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 561 of SEQ ID NO:2065, b is an integer of 15 to 575, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2065, and where b is greater than or equal to a + 14.</p>
2066	HSXAX45	897524		<p>AI459464, AA808743, AI144559, AA861434, AA404217, AA630335, AI831253, AI248728, AI870869, AA618605, AI458793, AI027413,</p>

			<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 772 of SEQ ID NO:2066, b is an integer of 15 to 786, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2066, and where b is greater than or equal to a + 14.</p>	AA918131, AI128366, AW405777, AI800139, AI805659, AA569324, AI138987, AI333605, AA461611, AW189901, AA461439, AA586689, AA915895, AA991975, AA642111, AI033160, AA459952, AA503924, AA622287, AI126939, AA724107, AA460041, AI215829, AI312833, AA772627, AA442303, AI936227, AI200468, AI282278, AI167870, AI130767, AW130869, AI813604, AA847250, AI151532, AA437238, AI338407, AI192747, AI283778, AI460353, W56676, AA757574, N57307, AA676676, AI371859, AA992661, AI087026, AI669032, AI149595, AW406281, AA946707, AI245790, AI198433, AA831222, AI075992, AW073856, AI763210, AA442843, N21005, AI952652, AA508853, AA486261, AA526931, W40406, AA486260, AA024930, AA284849, N29407, AA768383, W40407, AA437013, AA024825, AI185523, AA722830, AI349462, AI250412, AI269354, AI133169, AA894509, AW170573, AA921691, AA284802, AI302348, AA292566, AI193841, AA578220, AA507115, AI862001, W37391, AI022024, W24131, AA740528, AI186092, AI467975, AW103067, AA524571, AA229574, N95179, R62977, AA634150, N32209, AA235699, H96097, AA658144, N57342, AI206465, AA640985, AW004616, AI016392, AA143283, AI262367, R63032, R99896, AW406045, AI125021, AA143393, AI523228, AI339136, AA946883, AI347544, AI188553, R92363, AA177015, F31926, AI679670, W37497, AI583398, AI202671, H04881, AI033929, AA876042, H20673, AA298828, R79287, AI051474, N99131, AI817004, AA687956, R79180, AA635984, AI138519, AI270668, AA693744, AA297347, N70831, N47384, T54362, AI216682, AA297222, AA587485, N32134, AI066418, AI300272, AA296828, AA298518, R99897, AA298240, AI833094, AA298536, AI186393, H22510, AI189398, H22509,
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2067	HE8PB56	897898	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2007 of SEQ ID NO:2067, b is an integer of 15 to 2021, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2067, and where b is greater than or equal to a + 14.</p>	AA662435, N41466, N58333, D31322, AA907280, R76074, AA297370, H04783, T85291, AA298741, AA302967, H27066, AA404603, AA298381, AA297378, AA765280, R35471, AA302689, H79531, F36801, AA927760, AA298514, H73217, AA298519, N25286, F24740, AA112093, AI216691, AA083801, AI970763, N77700, AA297394, AW452564, N25282, AA247750, H65350, AI563987, AI146648, W51900, W01428, D31025, AI989423, AA536023, AA297194, T85501, AA093872, AA876242, AI420825, AI685575, AA229674, AA297898, AA552821, AI650972, AI434732, AA297186, W69409, R34274, AA297309, AI950138, AA094185, H27270, AI636819, AA648182, W21537, H65557, N79089, W69596, AI500252, AA552687, H73717, AW008699, W21396, N95173, Z69043, Z68129, U52111, X90583, Z19087, AFI74394, AFI00694, AFI25570, AFI18386, AL049963, AL080096, AL080106, H37822, AA507362, F18464, D19878, AI127803 AA167175, AI740811, AI814525, AW372977, AW379570, AI830090, AA843925, AW372976, AW269507, AW379557, AI378931, AI817634, AI858698, AI828457, AI694126, AW392769, AI830092, AI422742, AI400366, AI092688, AI890963, AI679511, AI913025, AA253194, AI19413, AI811323, AI951020, AI022434, AI683943, AI525592, AA568164, AA688138, AI452382, AI146463, AI400768, AI288461, AA906505, AI924309, AI167393, AA654360, AA186897, AI004583, AA775509, AI493331, AA614431, AI346389, N62092, AA626034, AI023936, AW043643, AW273008, AA159711, AI921444, AA159816, AA482352, W38893, AW268508, AI970751, AA588751, AI077673, AA016243, AA586975, AI985699, AI587086, AI860660, AI475132, N95055, AI075057, AW274617, AW304099, AA160381,
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	AA506029, AW238652, AA086218, AA482254, AI436339, AI291597, H99748, AI278514, AA610151, R63720, R70906, AA471074, R77169, AA079633, AA480373, AA468385, AW302595, R82584, AI446687, AI283412, AI816752, H97740, AA932817, W93394, R82585, AI682734, AA844033, AA639961, AI880674, AW104925, AW261859, H21696, AI291596, H01942, AI168626, AA935864, AA580370, AA258741, AA618219, W93362, AA258377, AW238247, AI190841, AI091676, AA328654, AI932899, C17106, AA297487, AA159815, D79077, AA158761, AW134560, R70993, W79646, AA296799, AA159710, R63767, R70905, AA159565, AI472890, AA298549, AI492053, AA016203, AI811530, AA469417, AA076609, AA468424, AI202629, AI858629, AA297628, C00038, R27158, H21906, AI268312, AW242097, AA298285, AI955543, R39395, AI471235, AI572472, AI383070, AI049608, AA631038, AA188520, AA298874, AI369025, AW190612, AA297272, AW379900, C17487, AA385499, T48546, AI887113, AA297236, AA328285, R38317, AW265590, W93606, R23770, AW050524, AA372564, R32172, AA583881, AA253195, R32216, R70940, AI000172, R23723, AA100383, AI572289, AW238464, AA352092, AI890265, AA382912, AW117913, AA076610, N87013, AI813387, AA340827, H04495, C06417, H23455, AI474703, T24990, AA203668, AI561317, AI917619, AI858794, T10423, R26913, AA079807, AI350112, AW384494, W32530, AI866316, AI436481, AI619820, AI307557, AI135545, AI434731, AW268743, AI690687, AI274811, AI799540, AI761468, AW079334, AI624529, AW059828, AA665587, AA971033, AI564500, AI499325, AI567940, AI633062, AI309306, AI267185, AI345677, AW071417, AI634457, AI784214, AI445069, AI076344, AA659410, AI537677, AI225000, AI860027,

	AW191844, AI473451, AI922550, AI161279, AI249274, AW410302, AI401697, AL023582, X70685, AF113019, AI8777, AL080110, Z97214, A52563, AI2297, AF151109, I48978, X72624, E01573, E02319, I89947, AL050277, E06743, A23630, E12580, A08907, AF131821, AL117626, I17544, AL050155, AR068466, AL137480, U77594, AF028823, X66871, I33392, M27260, AL049283, A08913, I09499, AL137488, A58524, A58523, A12522, AF118094, A08912, A08910, A08911, A08909, AL110218, AR038854, AF031903, A08908, AF031147, AF039138, AF039137, A18788, S76508, AJ012582, AF065135, AL080154, A45787, AL137275, AL117394, AL050138, L13297, I18355, S36676, E02253, I34392, U35846, S77771, I89931, AL117648, Y10080, AF097996, E12579, AF114168, AL137529, AR029490, I49625, AR068753, S83456, U92068, AF183393, Y10655, AF117959, X76228, X87582, AF215669, AL137523, AL137648, X55446, AF185614, U78525, AL110222, AL133606, I68732, AR011880, I89934, A93016, E08516, AL035458, AR068751, AF090934, X83544, AL122106, AL137574, AF177401, AL080148, AL137294, AL096751, AJ005690, AL137550, X98834, I08319, E15569, E02914, Y11254, A76337, A76335, I92592, A91160, U37359, AL049466, AF044323, S68736, AL137665, AL110269, AF081197, AF081195, AC004213, AF087943, AL137530, AF184965, AL136842, X65873, AF000145, AJ004832, S78214, A21103, AL110171, E05822, A90844, AF111849, M86826, AL117649, Y09972, E08631, U73682, AL137521, AF090901, AF140224, I48979, S54890, A65965, AB019565, A57389, Y11587, X84990, AF017152, D00174, AF112208, AL080162, A65943, M92439, M80340, AC004200, E12747, AF111112, M19658, AJ001838, A08456, AJ000937, AF118090, AF109155, AL110158,

2068	HTPGE66	898087	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 251 of SEQ ID NO:2068, b is an integer of 15 to 265, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2068, and where b is greater than or equal to a + 14.</p>	<p>AL117457, AL122045, AL137284, AL137533, U57352, Y14634, I32738, A08916, E01614, E13364, A03736, AB029065, AF069506, J05277, AF104032, AL133623, S63521, AL137478, U76419, AL110221, AJ003118, AF185576, S79832, U42766, AF022363, I89944, D55641, I41145, X63410, AL122110, AL049339, AF130470, AL133640, AF013249, AL137271, AF141289, AF017790, AL133075, A07647, AF026008, X06146, AF004162, AL049382, AL080074, A70386, X61970, AF000167, AR055519, AL137627, AF091084, A92311, AL133069, AF017437, AL137283, A86558, AL137557, X79812, A77033, A77035, X62580, AL049430, X95876, AL137461, E02349, AF120268, I17767, AL137554, AL122100, AF043493, U87620, AF061795, AF090903, Y14314, AF151685, X99717, AF146568, AF090896 AA345449, AI913916, AW385836, AF072128</p>
2069	HWLIL19	898136	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 760 of SEQ ID NO:2069, b is an integer of 15 to 774, where both a and b</p>	<p>AA044731, AA044768, AW237077, AI818416, AI989722, AI826965, AW058201, AI445972, AA053091, AI587426, AW190814, AI923823, AA112375, AI587431, AI446688, AA053602, AI493214, AI991706, AA135893, AI798538, AI984082, AI803879, AI990405, AI932810, AI582971, AI917076, AA346311, AI521001, T93732, AI611349, AA135894, AI950541, AA172400,</p>

2070	HPJEE80	898157	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:2069, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2606 of SEQ ID NO:2070, b is an integer of 15 to 2620, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2070, and where b is greater than or equal to a + 14.</p>	<p>AI434008, AI913316, AI932552, AI431343, AC007688, AF095448</p> <p>AA314262, AI698145, AI751509, AI765378, AI819921, AI309793, AI983094, AI889488, AI691017, AI478725, AI418367, AI768787, AI336867, AA770272, AI579948, AI347373, AA773349, AA287318, AA187540, AA854659, AI637840, AI566584, AA305439, AA451739, AA287399, AA255886, AA689402, AI961717, AI624071, AA444697, H24906, R59469, AI636153, AL037168, AW151230, AA256684, AA694475, AI861989, H02063, H26485, H13596, AA256683, AA348853, AA336954, H02078, H44525, AA354340, Z43173, AA337732, AI565023, H44530, AW297887, R75751, H26324, AA336921, R41517, AA775352, AI638129, R18527, AA337380, AI870106, F11589, AI954448, AA336373, AA336703, C02323, AW391166, AI858347, AW379208, AA634601, AA449368, AI611218, AA262646, AI860650, AA282616, AL119399, AL119457, AL134524, AL119324, AL042544, AL119443, AW392670, AW372827, AL119391, AL119464, U46346, AL134902, AW384394, AL042614, AL119319, AW363220, AL119484, AL119497, AL119335, U46341, U46350, AL119341, Z99396, AL119363, AL119522, U46349, AL119355, U46347, U46351, AL119439, AL119444, AL119396, AL119483, AL119418, AL119496, U46345, AL134518, AL134528, AL037205, AL134525, AI142132, AI142137, AL134538, AL042970, AL042450, AL042965, AL042975, AL134529, AL042542, AL043019, AL042984, AL043029, AL042551, AL043003, AL119488, Z84466, U82319, Z98172, AC005225, AR060045, AL035687, Z65447, AB026436, AR060234, AR066494, A81671, AR054110, AR069079,</p>
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2071	HWLQX67	898192	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1462 of SEQ ID NO:2071, b is an integer of 15 to 1476, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2071, and where b is greater than or equal to a + 14.</p>	<p>AR043113</p> <p>AI120532, AI587307, AI093091, AI769686, AI050667, AI372945, AA250932, WI5253, N49198, W39173, AA894448, AA975408, Z21307, AA846588, AC002554, Z73358</p>
2072	HCRNK75	898355	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2210 of SEQ ID NO:2072, b is an integer of 15 to 2224, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2072, and where b is greater than or equal to a + 14.</p>	<p>AI799804, AA863125, AI823427, AI377127, AW168810, AA293513, AW088676, C17686, AI289654, AI207850, AI890720, AI805626, AI824271, AI344359, AI300131, AA574103, AI686750, AA315866, AI709243, AA252863, AA585439, AI758734, AW375857, AA348962, AI525556, AA585453, Z28355, AA585440, AI525316, AI535639, AI541510, AI546855, AA336552, AI541374, AI556967, AI525328, AI541514, C15189, AI541523, Z30131, AI526180, AI546999, AI541534, AI525306, AA585101, AW265668, AA585434, AI526140, AI541509, AI541365, AI382291, AI546828, AI541017, AI525431, AA585356, AI557731, AI557807, AI526194, C16300, AI547039, AI526196, AI541317, AI546945, AI535813, AI557799, AI540967, AI557262, AI525653, AI541508, AI541307, AI541535, AI557082, T11028, AI546899, D61254, R29445, AI557787, R28735, AI546875, AI541205, AL040510, AL040625, AL045817, AL041142, AL041238, AL041133, AL047183, AL040322, AL041131, AL046330, AL041051, AL041292, AL040119, AL047036, AL047170, AL047057, AL047219, AL041227, AL040463,</p>

	AL039915, AL043612, AL041197, AL040155, AL041346, AL040529, AL041096, AL047012, AL041358, AL041277, AL041163, AL041098, AL040621, AL043538, AL041324, AL040464, AL044162, AL041086, AL043496, AL041296, AL041233, AL043467, AL041159, AL045725, AL044186, AL041140, AL036500, AL134123, AL043950, AL040193, AL040252, AI142134, AL044037, D57491, AL040091, AL040128, AL040168, AL040255, AL040285, AL040342, AL040332, AL040617, AL040553, AL045684, AL040745, AL044029, AL040370, AL043677, AL046442, AL040839, AL041752, AL040149, AL043775, AL044165, AL043492, AL041602, AL045920, AL041278, AL038838, AL040253, AL044074, AL041635, AL045990, AL040458, AJ239433, AL044199, AL044187, AI525320, AL040263, AL040090, AL040294, AL040329, AL040082, AL044272, AL041186, AL040148, AL041730, AL041523, AL043627, AL046392, AL041374, AL040052, AL043845, AL043537, AL039338, AL042135, AL044064, AL039316, AL043923, AL038983, AL043814, AL043848, AL041459, AL043570, AL041577, AL044258, AL044201, AL046850, AL038532, AL040768, AL037727, T23985, AL040576, AL044377, AL046994, AL040414, AL040571, AI546891, AL046914, AL044771, AL045753, AI557796, AL049007, AL044274, AL079878, AL049018, AL043468, AL079876, AL042245, AL040444, AL039744, AL043604, AL045857, AL046147, AL044015, AI535660, AL044583, AL042700, AL037341, AL042712, AL043201, AL046097, AL045991, AI557238, AL038822, AI525321, AL045671, AL046327, AI541013, AA585476, AL041168, AL049069, AI526184, AL043444, AL041246, AL040472,

	AL040238, AL041955, AL041347, AI540920, C16305, AR017907, I13349, A91965, I66498, I66495, I66494, I66487, I66497, I66496, I66481, A83642, I66486, A83643, I66485, I66488, I66489, I66490, I66491, I66492, I66493, A83151, I66482, I66483, I66484, X81969, A25909, AR062871, AR038855, I18895, A85395, A85476, AR062872, AR062873, AJ244004, AJ244005, AJ244003, AR037157, AF082186, A20702, A20700, AR008429, A43189, A43188, A91752, I63120, A98767, A93963, A93964, A98420, A98423, A98432, A98436, A98417, A98427, A32110, Y16359, AR038762, I44681, D78345, A86792, X83865, A84772, A84776, A84773, A84775, A84774, AR054109, AR067731, AR067732, A58522, A91750, A18053, M28262, AJ244007, A93016, I15717, A58524, I15718, A58523, E03627, I49890, I48927, A02712, A77094, A77095, I84553, A81878, A95051, I84554, A18050, A23334, A75888, I70384, A64973, A60111, A23633, AR007512, I08396, A60212, I05488, I61310, A60209, A60210, A60211, I00682, A60961, A60977, A11624, A11623, E00609, E13740, A11178, E01007, A10361, AR027319, A91751, AR027318, A68112, A68104, A06419, A21892, A23997, A68114, A89633, A89634, A21895, A05160, A08030, A20502, I62368, A35537, A35536, A02136, A04664, A02135, A04663, U94592, I08395, I06859, AR043601, A11245, AR028564, AR002333, A60985, A60990, A47368, A60987, I19516, I19517, A76773, A22413, A29109, A32111, I63560, AR009152, AR009151, I63561, I63563, I03331, E12615, A02710, AR035193, E14304, A07700, A13393, A13392, AR031488, I13521, I52048, A27396, AR027100, I44531, I28266, I21869, I44516, A70040, E16678, A82653, E16636, I08196, I07249, I08776, I15353, I25027, AR068508, AR068510, AR068509, A63954, I91969, I26929,

2073	HOGDR01	898418	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 806 of SEQ ID NO:2073, b is an integer of 15 to 820, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2073, and where b is greater than or equal to a + 14.</p>	<p>I44515, I26928, I26930, I26927, I58322, I58323, AR003585, I25041, A24783, A24782, A92133, A95117, A90655, A38214, I56772, I95540, A95096, A95106, A95105, AF149828, I01995, I08051, AR031566, I60241, I60242, AR038066, A20699, E00696, E00697, E03813, AR027099, Y09813, AR051652, AR051651, Z32836, AJ230935, D50010, AJ230902, AR035975, AR035974, AR035977, AR035976, AR035978, I05558, AJ230972, A58521, A91754, AR031374, AR031375, AR020969, A92666, A92668, A92667, A92665, E12584, AJ230951, A70872, AJ231009, A22738, I08389</p> <p>AI940071, AW383315, AW383305, AW383297, AW392670, AL134527, AW384394, AW363220, U46351, AL119443, U46347, AL119522, AW372827, Z99396, AL119319, AL119324, AL119457, U46350, AL119439, U46349, AL119484, AL119391, AL043003, AL119483, AL119497, AL119401, AL119363, AL119444, AL119355, AL119396, AL134525, AL037205, U46341, AL134531, AL134902, AL042984, U46346, AL119418, AL119399, AL119335, AL042542, AL134538, AL043019, AL042544, AL042965, AL042975, U46345, AL042614, AL043029, AL042989, AL042450, AL042551, AL119464, AC003965, AB026436, AR069079, AR066494, AR060234, A81671, AR054110, AR043113</p>
2074	HHATR06	898427	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1473 of SEQ ID NO:2074, b is an integer of 15 to 1487, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI797684, AI478733, AI990902, AA456267, AI751749, AI970534, AI379565, AW239200, AW294114, AA427646, AI751750, AA594137, AA947297, W95460, AI057073, AA405402, AA788855, AW068453, AW068711, AW177719, AI341112, H73236, AW167569, AA232452, AA427487, AA041328, W95567, AI652166, AA853047, H74164, R34003, AA041304, W02059, AI341381, AW192052, AA580289, AL119457, AL042544, D30965, D31176, AL119324, AL119399, AI918637, AL046052, AL042866, AI690472,</p>

		<p>NO:2074, and where b is greater than or equal to a + 14.</p>	<p>AI918408, AL045891, AI689380, AI433206, AI699857, AW024793, AI345261, AI096694, AL134902, AI241884, AI371228, AI582912, AW022102, AI446405, AI564160, AI918554, AI273919, AA838230, AW083489, AI865942, AW194441, F36003, AI499104, AI887775, AW151974, AW079432, AW058275, AI918634, W79826, AA291456, AI952584, AI634930, AI580213, W33163, AI281412, AW008253, AI686081, AI921922, AA749024, AI125845, AI472476, AW085866, AA480074, AI313320, AW022494, AI313352, AI310920, AI307503, AI671284, AW020288, AI612732, AI933926, AI336585, AI334913, AI349266, AI349787, AI334452, AI344938, AI701897, AI312146, AI312339, AI309431, AI340537, AI312165, AI345258, AI349288, AI349628, AW196105, AA835966, AI340610, AI307459, AI343140, AI349971, AW168693, AI307507, AI348879, N22406, AI340639, AI311604, AR035969, AF117959, AF108357, L24896, U77351, Y00093, AF085809, AR068466, E12579, AR060234, AF074604, X62773, M30514, AF093119, A07647, AJ006417, A94751, AF188712, AL050092, AL133568, AL137461, AJ012582, M79462, AL133629, AL117644, X60786, I46765, AL137658, AL110280, AR011880, AR034830, I96214, AL049464, AL133098, AF102166, I00734, AF022813, E00617, E00717, E00778, U89295, E02253, AL137665, A90832, I29004, X66417, U79414, AF161699, Z22828, U92992, AF155119, AL096720, Y11435, AF113694, X54971, Y10080, AF040723, AF051325, AL133081, AL133014, A52563, X87224, AL133054, L40363, AL137276, E02914, AL110171, Y10655, AF118064, AL049314, AL137558, L31396, U68387, AL137656, AF010191, L31397, AF151109, AF140224, AL110159, X76228, S63521, U92068, AF148129, AF081366, Z72491, S69385,</p>
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2075	HLQDM07	898541	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2372 of SEQ ID NO:2075, b is an integer of 15 to 2386, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2075, and where b is greater than or equal to a + 14.</p>	<p>AF120268, X92070, AF026124, U57352, Y14634, U91329, AL137267, Z48796, AC007458, AF017437, AL133636, S61953, L78810, AF213396, U67328, AF114818, AF113676, AL137534, AF016271, AJ004832, S75997, AL133558, E15582, AL117585, S73498, AF118558, E04257, AR005011, U80919, AP000130, AP000208, AP000247, AL035458, AC005488, AF144700, AL050280, AF159148, E15324, AL080158</p>
2076	HDPBW68	898651	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3879 of SEQ ID NO:2076, b is an integer of</p>	<p>AI806250, AA455382, AI084580, AW368035, AA005065, AI088155, AI566044, W92235, AA706063, W92236, AA299662, AA004847, H56718, T77776, AA002009, AA227236, AI922495, AA722941, AA456022, AA299663, AA001788, H56641, AL119457, AW392670, Z99396, AL119319, AL119355, AL119324, AL119497, U46350, U46351, AL119363, U46349, AL119391, AW372827, AL119483, AW384394, AL119341, AW363220, U46347, AL119484, AL119443, U46341, AL119444, U46346, AL119439, AL119522, AI142134, AL119396, AL119335, AL043033, AL037205, AL119401, AL134538, AL134542, AL134528, AL134902, AL134531, AL134533, AL119418, AL119399, AL042984, AL119496, AI142132, AL134525, AL134536, U46345, AL119464, AL042450, AL042614, AL043029, AL042544, AL043011, AL043019, AL042542, AL042965, AL042975, AL043003, AL042551, AL132826, AF169677, U42975, AB026436, AR066494, AR060234, AR054110, A81671, AR069079</p> <p>AI797914, AA232727, AI264354, AA242826, AI373844, AI421152, AI693559, AA293798, AA242961, AI681069, AA987481, AA253496, AA865918, AA394280, AA699441, AW193319, AA534330, AI246675, AI690035, AI921391, AI696791, AI696792, AI962498, AA478182, AA845215, R02588, AA501984, AA253392, AA975909,</p>

2077	HISC115	898814	<p>15 to 3893, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2076, and where b is greater than or equal to a + 14.</p>	<p>AI141321, AI359321, R02707, AI370136, AI424757, AA236520, AA065210, AI369930, AA064845, AI217878, AI470976, AI640699, AL119324, AL119457, AL119399, AL042544, AL119443, AW392670, U46346, AL119355, Z99396, AL134525, U46351, AL119319, U46349, AW372827, AL119483, AW384394, AW363220, AL119497, AL119484, AL119363, AL119391, U46350, U46347, U46341, AL119444, AL119341, AL119418, AL134902, AL119439, AL119335, AL119522, AL037205, AL119396, AL119401, AL134538, AL134527, AL119464, AL042450, AL043033, AL042984, AL119496, AL134536, U46345, AL042433, AL042614, AL043029, AL043011, AL043019, AL134542, AL042542, AL042965, AL042975, AL043003, AL042551, AF113925, AF126484, AF149774, AC006027, AB026436, AR060234, AR054110, AR066494, A81671, AR069079</p>
2077	HISC115	898814	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3219 of SEQ ID NO:2077, b is an integer of 15 to 3233, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2077, and where b is greater than or equal to a + 14.</p>	<p>L44393, AA434356, AI524405, AW062354, T31737, HI4980, Z43676, N40577, R08471, N25869, AA256007, N41934, N28530, AA808513, T92387, R02302, AW383005, AB011165, AF117754, AR022169</p>
2078	HCYBH77	898946	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2967 of</p>	<p>AW376967, AW268365, AI433801, AW087894, AW192424, AA573318, AW376970, AA186803, AI744244, AA179345, AW264850, AW239439, AI860613, AA128911, AI800522, AA179578, AI270669, C18854, AA186804, AA505958, W63641, W52261, AL036582, R50884, H17527, AA033538,</p>

2079	HPIAS61	899130	<p>SEQ ID NO:2078, b is an integer of 15 to 2981, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2078, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2444 of SEQ ID NO:2079, b is an integer of 15 to 2458, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2079, and where b is greater than or equal to a + 14.</p>	<p>AL048651, AW149146, AA305384, AW273640, R50765, C17088, AA356773, AI698410, R07093, AA134840, AI985957, AA808140, AA367305, W79703, AA381398, AF123887, AF144695, AR018794, AR018857</p> <p>AA630313, AW007113, AA056282, AI302077, AI685736, AI416978, AW275894, AW236942, N24240, N63404, AW167603, AI031828, AI624036, AA622513, AA857986, AI274802, N63417, AI394098, AA543071, AI075944, AI347803, AI134813, AA010795, AI991823, AA608692, AW188444, AI765847, AI580486, AA488368, N38923, N30935, AI093100, AI453400, AI434592, AI300853, AA457119, AA455498, AI880713, AW050861, AI274340, AI309910, AW207240, AA633538, AI188595, H98907, AI308095, AI863003, AA705931, AA165111, AI066618, AI261549, AI470214, AI282600, AI635033, AA011134, AA583904, N95694, AA973598, AI623738, AA035768, AA977967, W70190, AI027298, AW370853, AW167630, AW083766, AW166334, AA599424, AI864628, AI831364, AI610395, AI245485, AA649888, AI672081, N72372, AA293614, N95723, H77346, AI270457, R53634, AA829048, AA062785, AA479044, AA826668, T65751, H58487, H81750, AI092643, AA190410, AW300733, AW264761, AW020656, AI750198, W78204, N68016, AW242190, N41700, W70063, H81751, AI750199, AA781623, AA298516, AI247290, AI925804, W57582, AW026566, AI932535, AA724052, AA488500, AW150513, AI309181, AA627576, AA430543, AA430544, R87874, AA369400, H77345, AA468680, AA853269, N52644, AA130245, AA157200, AI160148, AA834736, AA705668, AI124918, AA156892, AA948320, AI609381, R45075, AI701123, AW178256, AA376537, AA296785, AA190800, H52032, AI673683, H57644,</p>
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	N94353, AI433372, AW167732, H84917, AA298517, AA971449, T65826, AA729816, AA588601, AA477526, AA455499, AI623220, N43974, AI954242, AI401060, AW002427, AA369401, AI927604, AI654863, N35904, AI636667, AW025939, AI587427, AA297348, AI493644, C01875, AI290317, H85246, AA916819, R51967, AI249975, Z20911, N46495, W70132, AI583578, AI886415, AW075382, AI590043, AL045413, AI539260, AI333104, AI559752, AI538850, AW051088, AI284517, AI621341, AI927233, N25033, AA808175, AA579232, AI696603, AI371251, AW162194, AI114703, AI680467, AA587590, AW089233, AL120056, AW089844, AI691088, AI491904, AI539800, AL042365, AW073898, AI623941, AW059828, AI491852, AW020397, AI267185, AI587156, AW327527, AI860027, AI684164, AW409862, AL046944, AI590415, AL038505, AI282669, AI524654, AI698391, AA514684, AI445611, AI811603, AL047100, AL047344, AI475371, AI435253, AI401697, AI341838, AW128834, AL079799, AI473208, AI926330, AI683395, AW083572, AI872847, AI884303, AI890223, H41759, AI479577, AI627714, N75779, AI866465, AI270183, AL121496, AL036954, AW118553, AI950877, AI805671, AF178532, AF200342, AF200192, AF204944, AF117892, AF050171, AF051150, AF201468, A74674, I48978, AL049466, I89947, X93495, AF013249, I09499, AB029065, A77033, A77035, I33392, AB026995, A70386, S36676, AL137488, U75604, AR029580, X66871, AF076633, A91160, U87620, A91162, AL117587, AL080140, AR034821, AL133049, U49908, AF017437, AF111849, AB016226, AF119336, AF111851, AL133088, AF082526, A07588, AF118090, AF022813, AL137558, AF158248, I48979, A21103, X79812, AL122123, AF126247, AJ238278, AF112208,

	U72621, U89295, AR038854, AL050208, AL133062, AL133010, AL137480, Z97214, AL050092, AF079763, A03736, A86558, A76335, AL110296, AL137529, AL137256, AL137533, A08910, AL137550, A08909, AL137554, S82852, U35846, AF102578, AL110159, A08908, AL133558, Y11587, AL050277, A08913, AL137271, AF061795, AF151685, AL122121, AL133560, AL133637, AF115392, AL133606, AF026816, U75932, AL117648, Y10655, AF113019, Z82022, S83440, AF106657, AL133619, AL137461, AF100931, AL137530, AF200464, E06743, S78453, A000937, AL137560, X80340, AF141289, AF185614, AL117435, U51587, AL137627, X76228, AL137557, AL133081, AL117416, AF026124, AL122100, I32738, AB029066, L13297, A08907, AF111112, AR020905, AL137478, AL137281, U37359, AL110224, AJ006417, J05277, A41575, A65340, Y10936, E12580, U83980, A08912, AL110221, AF090900, U73682, AR068466, AL080148, AF002672, A18777, AF097996, U92068, E03671, AL122050, AL137258, AL080234, E01314, U57352, AL122118, U80742, AF061573, E05822, AF115410, AL080124, U37312, A08456, AL133084, Y11254, AF131821, X89102, AF183393, AL133557, U68233, I92592, AL117457, AF058921, AF162270, S76508, AF019298, AF057300, AF057299, AL137479, I68732, A08911, A18788, I89931, X97332, L04849, AF119337, AL049324, Y10823, AF067728, AL050024, X83544, AF031147, S77771, X84990, AF106697, I89944, I89934, I08319, I49625, AL049283, AL133080, AF087943, AF107847, AF069506, AF176651, AF068615, AF159615, AL133624, AF036268, AL137284, U95114, A52563, AL133113, AL110280, A58524, A58523, AL136884, AF090934, E12579, AL049382, U53505, L30117, AF047716, AL133075, U62966, AL117440, AF185576, AF047443, L04504, AL137463, AF182215, S61953, AL137657

2080	HCRMK25	899224	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2636 of SEQ ID NO:2080, b is an integer of 15 to 2650, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2080, and where b is greater than or equal to a + 14.</p>	AA704087, AW373819, AW380680, AI752796, AW385372, AW373887, AI906013, AW385383, AA428419, AA780507, AA668306, AL036004, AA600085, AI751526, AI751512, AA780554, AW239513, W49750, AA773949, N36271, W63574, AA780819, AA457563, AI753606, AA464937, AA454895, AW385419, AI905876, AI752292, AA181456, AW068389, AI751743, AA457359, AI751229, AI752349, AI365966, AA293647, AA554805, AI752176, AI751283, AA489941, AA457511, AI751586, AA788961, AW352231, AI752829, AA487731, AA789233, AI750701, AI752337, AA487393, AW373901, AA457430, AA704140, AA457469, AI905974, AA169848, AA703999, D79055, AI752205, AA434290, AA489933, AI752293, AI750735, AA434353, AA489957, AA780675, AW352222, U53087, AI205280, AA248177, AI752797, AI752212, AI751798, AW373788, AI752270, AW373787, AI925580, AI752737, AW373833, AA121851, AA456983, AI752171, N34179, AA458778, AA454883, AI751523, AA679516, AA176804, AI751887, AW393626, AI751886, AI751494, AW384994, AI751927, W24625, W00702, N56826, H92997, AI750235, AA359326, AA663346, AI751476, W52302, R71009, AW373902, AA486177, AW067996, AA961963, AA594126, AA476858, AW385424, AW067845, AW068346, AI751810, AA774078, AA399202, AI751928, AI750740, AI676195, AW373802, R73275, AW068267, AW373874, AW370489, AW373808, AI751228, AI750278, AW373834, AA136731, AL039650, AI906084, AI752350, AA359001, AA453822, AA780557, AA453844, AA318038, AA373942, AA668143, AW373845, AI751652, AI745640, AW366380, AW370462, W24650, AA477811, AI963017, AA293756, H53916, AA169864, AI684315, AI752599, AW068076,
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	AI910190, AA359296, AI902828, T53721, AI905031, AW362721, AA373886, H82181, AA434473, AA334411, AI922681, AI963366, AI752830, AA457291, AA668375, AA443350, R84909, AW067859, T29584, AW385969, AA339992, AA379018, AA326804, AW373804, AI677812, AA456909, AA489802, AI675919, AA373933, AI696990, R64077, AA669870, AI571571, AA378055, AA375369, AI752739, AA669843, AA376383, AA359377, N39634, AW384992, H94226, AA599521, AW363460, AA852286, AI752736, AA853052, W00543, AI750767, AI963411, T48176, AA373229, AA218722, AA853386, AA332082, AA359277, AW384999, AA372196, AA333869, AI796681, AL035880, AW082115, R69349, AA359183, AA359695, AA852609, AA366521, AA434079, T49549, AA853491, AA669422, AA377936, T53285, AA377860, AA595560, AA346953, AW068393, AA852626, AA359195, AA256215, H39823, AI801622, AA852524, T54840, AA070541, T49912, AI751621, AA359783, AA853295, AA339830, AA375308, AA507247, AA852945, AA853931, A91174, Z74615, K01228, AF153062, Z78279, U08020, J00836, V00401, AR048312, AB015438, AB008373, U03419, M14423, Y15915, AB015440, S64596, U62528, AF017178, X98705, S67482, M17491, X06269, AF169346, AF077329, Y15918, D83228, Y15919, M10571, X98707, X98708, Y15913, Y16346, J00112, Y16341, Y15914, Y15912, Y08643, Y15916, J00111, A65495, M12199, A65496, M23213, Y16342, Y16344, M11162, T49700, T50912, T53375, T99669, R01522, R31653, R32921, R35743, R65723, R72798, R77142, R79511, R91193, H50793, H52341, N45401, N50267, N94504, W05288, W05816, W25354, AA167235, AA167584, AA173693, H88449, AA987726, AA094624, AA852897, AA853611, AA853652, AA853657, AA853692, AA853790, AA852117, AA852484, AA852780.

2081	HNTRV11	899632	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2288 of SEQ ID NO:2081, b is an integer of 15 to 2302, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2081, and where b is greater than or equal to a + 14.</p>	AA852811, T49210, T49936, D45437 AI192806, AI636301, AW070460, AI264134, AI808610, AL047490, AW337234, AW272771, AA621722, AA902441, AW338001, AI572907, AW088299, AA630592, AW241806, AW338392, AW119186, AW361987, AI598101, AW079856, AI932992, AA314261, AI380908, AI571554, AA431144, AW362042, AI741945, AW029103, AI669353, AA906312, AA905193, AA424741, AI246132, AA188213, AI092692, AI129947, AA969200, AA495870, AA774660, AA835498, AA825370, AA432163, AI520696, AI624063, AI026883, AA888774, AA186360, AW390429, AI692914, AA262302, AA156547, AI289833, AI678753, N76487, AA676856, AA190635, N36869, AA512918, AI392858, AI571545, AA262303, AA216711, AI266014, R69932, AA625353, AA313402, AI589292, AI129465, AI765154, R62335, AI457879, H48412, N94959, AI218172, AI221051, AA577253, AA086067, AI439435, AA112358, AI241626, R80350, W03228, AA086066, R78186, N67050, W19215, AA192424, AI537627, AA694468, AA112357, R79484, AA192529, R77146, AA188562, AI250628, H73378, AW362686, T60051, H45701, AI281554, N95029, R62336, AW192059, H56566, AI445365, R09672, AA191164, W19537, T78819, H45752, H38567, N50462, N47345, AA973983, R62945, AI583154, AI342227, T60098, R45931, H98238, R23380, AA621137, R70102, H12066, R35435, AI583186, H03315, AA369106, W25341, R80240, AI263665, N31081, AI803872, AA757310, AI591357, T29421, R76607, R67545, AA622166, H16044, T82361, R71554, R71501, R09561, AI351896, N46139, N89847, AI802973, AA188660, F07783, H71048, H54185, H03316, F08108, R62997, T94841, AW338108, T94886, AL045149, H97241, AA630804,
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2082	HWLOU33	899644		<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1944 of SEQ ID NO:2082, b is an integer of 15 to 1958, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2082, and where b is greater than or equal to a + 14.</p>	AA344563, F02937, AW316643, AI635890, H56567, H71561, R70103, AI985724, N27010, AA218591, N72946, R76608, AW366579, N49618, T73663, AI587589, M31516, I41330, I05091, I09215, M15799, U88576, S67775, M30142, I09216, I05094, A65264, AR031710, AR066586, AR066589, AF052110, M64356, S51407, AB003312, AB003313, AB003314, AB003316, AB003317, AR016514, AB003315, AR016512, AR016513, Z63791, I64711, AR016518, AR016516, I64714, M64652, AB003319, AB003318, S72858 AL037051, AL040992, AL042909, AL039109, AL045353, AL039423, AL039128, AL045337, AL039386, AL038531, AL044407, AL038025, AL036973, AL045341, AL037726, AW235098, AL038837, AL039659, AL039074, AL039625, AL039108, AL039648, AL039678, AL039629, AL037615, AL037639, AL039410, AL039538, AL036238, AL036196, AL039564, AL039566, AL036765, AL036767, AL044530, AI142134, AL038983, AL039509, AL037727, AL079878, AL039156, AL037436, AL037295, AL037435, AL037027, AL037335, AL049018, AL040576, AL037443, AL037343, AL036167, AL038532, AL037323, AL040370, AL040529, AL037601, AL037049, AL040052, AL044186, AL038822, AL041159, AL038838, AL039338, AL043814, AL043923, AL037742, AL039076, AL043845, AL040617, AL043868, AL041577, AL041459, AL044064, AL040294, AL041635, AL044037, AL042135, AL046994, AL040768, AL046850, AL045753, AL041752, AL045684, AL040625, AL041133, AL043570, AL043848, AL041374, AL043627, AL041523, AL041730, AL044074, AL041602, AL043492, AL040839, AL040510, AL043441, AL045671, AL046442, AL036158,
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	AL039316, AL036132, AL046392, AL043677, AL043467, AL044258, AL040444, AL044272, AL040148, AL045920, AL044187, AL040458, AL046914, AL041238, AL045990, AL047170, AL040332, AL041142, AL044199, AL047219, AL044274, AL040745, AL040463, AL047183, AL040128, AL042096, AL040472, AL039077, AL040342, AL041168, AL040322, AL041186, AL039432, AL040119, AL044201, AL040285, AL040571, AL046327, AL044165, AL040091, AL045817, AL041131, AL040090, AL047012, AL047057, AL041292, AL041051, AL040168, AL041346, AL037341, AL041955, AL040414, AL043775, AL041096, AL039744, AL046330, AL041197, AL045989, AL047036, AL040553, AL040253, AL040155, AL040082, AL039360, AL045857, AL036117, AL040329, AL041358, AL043538, AL041163, AL041324, AL036725, AL037177, AL041098, AL041277, AL040263, AL043941, AI906064, AL041278, AL040255, AL038043, AI634028, AI906040, AL040621, AL040149, AL040464, AL041227, AI905981, AL037021, AL039150, AL040075, AL037600, AL037047, AL037643, AL039924, AL049069, AL045725, AL039915, AL041140, AL043612, AL036139, AL044162, AL036964, AL036163, AL043496, AL043537, AL039643, AL041296, AL040193, AL037054, AL036133, AL041086, AL040238, AL037085, AL038821, AL046147, AL038761, AL041233, AL036679, AL134524, AL036152, AL041246, AL045794, T24119, AL039085, AL080031, T24112, AL036207, AL079852, AL037569, AL036914, AW013814, AL043445, AL037279, AL046097, AL043422, AL037526, AL044603, AL043423, AL041210, AL036924, AL036268, AL039416, H00069, AL041347, AL036733, AL036900,

	AL036998, AL046360, E13740, I13349, A10361, A91965, A22413, I19517, A76773, A35537, A35536, A92636, A02136, A02135, A04663, A04664, I08051, AR062871, A84772, A43189, A43188, A84776, A84773, A84775, A84774, A20702, AR067731, AR067732, A58522, A20700, A91750, AR062872, AR062873, A11245, AR027069, A20701, A52326, A04710, AR035975, AR035977, AR060673, AR060676, A49428, AR028564, A08458, A08457, AR035974, AR035976, AR035978, A00782, A02741, A14595, A18755, A25856, I12245, A13038, A29289, A49695, A49696, AR017907, A95051, A02712, A18050, A23334, A75888, I70384, A60111, A23633, AR007512, A18053, I06859, AR043601, A92133, I40851, A60983, I60241, I60242, A02710, E12615, AR035193, A07700, A13392, A13393, AR027100, I28266, I21869, AR036903, A70040, I66498, I66497, I66496, I66486, X73004, V00745, I19516, E02221, E01614, E13364, E03165, Z96142, Y16359, I01992, I84554, I84553, A51384, AR009151, D78345, I66495, I66494, I66487, AF118808, AF082186, AR037157, AR054109, A86792, A98420, A98423, A98432, A98436, A98417, A98427, AJ244004, AR022240, A85476, AR038762, A85395, X68127, AR031374, A49700, AR031375, A58521, AR020969, AR025207, AR036905, A38214, A44171, I56772, I95540, AR018924, A63067, A51047, A63064, AR018923, A48774, A63072, A48775, AR068507, AR068506, AR015960, AR000007, AR015961, A85477, A85396, AJ244003, A25909, A98767, A93963, A93964, I63120, A95052, AR043602, AR043603, A95117, A23998, A81878, I18371, U87250, A64973, A58524, A58523, A64081, A24783, A24782, E14304, I03343, A97211, A27396, A49045, E16678, E16636, I44516, A82653, A93016, I25027, D28584, I26929, I44515, I26928, I26930,

2083	HAPNO50	899661	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1233 of SEQ ID NO:2083, b is an integer of 15 to 1247, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2083, and where b is greater than or equal to a + 14.</p>	<p>I26927, A58525, I49890, AF156296, AR000006, E16590, A58526, A91753, M28262, I00079, X16234, AF156294, I18302, AJ244005, AJ230933, Y11923, AR064707, A67220, A90655, Y11926, X83865, A15078, I00074, D88984, I03665, I62368, AR031488, I13521, I03664, I52048, I44531, E12584, AJ244007, I66485, I48927, AR009152, E00523, AR038286, I25041, I92483, I00077, AF156303, AR008430, I19525, E03627, AR063812, AR066494, A68112, A68104, A60212, A60209, A60210, A60211, I15717, I15718, AF156299, A77094, A77095, I08396, I07429, I00682, A11624, A11623</p> <p>AI081543, AWO24140, AA742572, AW327486, AA593332, AI239527, AI362956, AA977531, AA865071, W76539, AA988767, AI240922, W56688, AA406326, F25349, W56696, AI590417, AA773777, N80724, AW273295, N72158, AA356111, AA588352, AA576887, W52200, AA594466, AI002202, AW410884, F36934, T23069, AA335562, AI910397, R52145, AI962231, AA304020, AA593340, F35721, T08422, AA779395, D80166, C14331, C14429, D80038, D80227, D80195, D51799, D80269, D58283, D59859, D51423, D59619, D80210, D80391, D80240, D80253, D80043, D59275, D80212, D80193, D80196, D80188, D59927, D80219, D59502, D81030, D59889, D57483, D80022, D80366, D59610, D80378, D80045, D50979, D80164, D50995, D80241, D59787, D80024, T03269, C75259, C14014, D59467, C15076, C14389, D51060, D81026, AW178893, D80134, AI557751, AA305409, C14407, D51250, F13647, D80268, D80949, D58253, D80168, C14227, W21835, D81111, D51079, AA305578, AI989565, AW177440, D51022, AW179328, AA514188, AW178775, AW378532, D80522, D59695, AW352158, AI910186, AW377671, AI905856, AW369651, D80248, D52291, Z21582, D80251,</p>
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	AW178762, D51097, AA285331, AW177501, AW177511, C14298, D80064, AA514186, D80133, AW360811, AW352117, C05695, AW176467, AW375405, AW378540, AW360834, AW366296, AA809122, AW360844, AW360817, AW375406, AW378534, D80132, AW179332, AW377672, AW179023, AW178905, D80302, D80439, AW179220, AW352171, AW352170, AW377676, AW178906, AW177731, AW178907, AW179019, AW179024, D59373, D80247, AW177505, D80014, AW360841, AW179020, AW178909, AW177456, AW179329, AW178980, AW177733, AW378528, AW178908, AW178754, AW179018, D51103, T11417, AW352174, AW179004, AW179012, AW178914, AW378525, T03116, T02974, D51759, D80157, AW177722, AW177728, AW367967, AW179009, AW178774, AW178911, AW378543, AW352163, C06015, C14344, AI535686, AW178983, AW352120, D80258, AW178781, D58246, D59503, AI525923, T48593, D51213, AI557774, AW378539, D59627, D58101, AW177723, D59653, D45260, AW177508, AI535850, AW367950, N66429, C14975, AW378533, H67854, C03092, D59317, H67866, AI535961, AL050297, A84916, A62298, A62300, AJ132110, Y17188, AF018138, X67155, A67220, D89785, A78862, A25909, D26022, X82626, D34614, D88547, X68127, AR025207, AF058696, A82595, AR008278, AB028859, I82448, AR016808, AB012117, A30438, Y12724, AF135125, A85396, AR066482, A44171, A85477, I19525, A86792, X93549, U87250, AR060385, Y17187, A94995, U79457, AB002449, AR008443, AR008277, AR008281, I50126, I50132, I50128, I50133, A45456, AR066488, AR016514, AR060138, A26615, AR052274, X64588, Y09669, A43192, A43190, AR038669, AR066487, AR066490, I14842, AR054175, U46128, D88507, AR064240, AR016691, AR016690, I18367, D50010, AB033111, A63261,

2084	HBSAK60	899776	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2115 of SEQ ID NO:2084, b is an integer of 15 to 2129, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2084, and where b is greater than or equal to a + 14.</p>	<p>AR008408, AR062872, A70867, I79511, D13509, A64136, A68321, AR060133, U87247, AB023656, Z32749, AF123263, AR032065, AR060382, X93535</p> <p>T18597, R28735, R29445, R45895, AA585325, AA585098, R29657, AI546875, R28892, R29218, R28965, AA585476, AA585101, AA283326, R28967, AA170832, D57491, D60844, R28895, D53472, AI557763, AI546971, AA585439, Z32822, Z28355, AI557262, D59436, AI557864, AI541356, C16300, AI557734, D61185, D61254, AI526140, C16315, AI541365, AI541013, AI525500, AI557740, C16305, C16293, D60765, AI541383, AI546999, AI546921, AI547250, D59751, C15406, D54897, D53161, AI546945, AI541374, AI525306, AI525856, D53447, AI541205, AA585155, C16292, AI526078, AI541517, AI546996, D55233, AI557731, AI525431, C15069, AI541535, AI547039, AI526184, AI525556, Z32887, AI525316, C16294, C15120, Z30131, D52835, AI541307, AI540967, AI547006, AI557787, AI557727, R29177, AI526194, C15737, R29179, C15762, AI541346, AI557807, AI546891, AI541523, AI526016, AI557084, D57186, AI525339, C16296, AI541527, R29262, AA585356, AI525320, AI547196, AI557758, AI547202, AI526191, AI541034, AI557408, R29172, AI557155, D60730, AI557602, AI540974, T19407, AI557718, AI557809, AI536138, C16290, AI526073, AA585453, AI526113, C14208, AI556967, AI557808, AI541321, AI557279, AI535660, T41289, AI526180, AI546829, AI535639, AI526109, AA174170, AI557039, AI540903, AI526195, AI547137, AI541422, T41329, Z33559, AI524904, AA514191, AI526024, AI526158, AI525656, AI526112, AI557533, AI525286, AI540920, AI541510, AI541345, D51433, AI546828, AI541506, AI546831, AI525332, D54850, AI541514, AI541027, AI557264, D59458, AI541415, C14723,</p>
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2085	HDPOD73	899866	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 774 of SEQ ID NO:2085, b is an integer of 15 to 788, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2085, and where b is greater than or equal to a + 14.</p>	<p>AI557238, AI557852, C14322, C14391, AI557799, AA585434, AI526205, AI540882, AI541390, AI541017, AI524890, AI547189, AA585117, AI526117, AI546954, AI541353, AI541508, AI546901, AI526187, AI557082, AA585430, AI557285, AI557041, AI541492, AI524891, AI547026, AI557796, AI541515, AI557786, AI557317, AI525076, AI525114, AI525168, AI540944, D61060, AI557810, C14210, T10982, AI547071, AI541410, AI541423, AI541075, AI525653, AA585420, AI557802, AI557785, AI046024, AI526169, AI526144, AR038855, AR062871, A25909, Y09813, Z32836, AR054723, AJ244005, Y16359, AF082186, D50010, D13509, AJ244004, X81969, A20702, AR062872, AR062873, A20700, D78345, A43189, A43188, AR017907, AR038762, AJ244003, A98420, A98423, A98432, A98436, A98417, A98427, X82786, X55486, X76012, AC005913, A98767, A93963, A93964, I63120, AJ244006, AJ243486, AR031365, AR003381, AR031358, AR017826, X82834</p>
2086	HWHHQ57	899885	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 774 of SEQ ID NO:2085, b is an integer of 15 to 788, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2085, and where b is greater than or equal to a + 14.</p>	<p>AA478514, AA478515, C00579, AI708851, AI581139, AA640563, R81679, AA367920, AL046227, AI433131, AI754257, AW117882, AI242236, AF113694, AC004813, AP000347, AL035587, Z95114, AC004883, AC005291, AF091512, AC004383, Z82206, AP000344, AC004987, AC006013, AF090900, AC005274, AL110280, AC002472, AC004594, Z98949, AC004686, AL022723, AC006115, AC005488, AC007298, AL021368, AL080124, AC004690, AL049759, AC004808, AL096776, AL021154, AL137705, AL021453, AC004213, AC004159, AC006112, AC006039, AL022336, AL022147</p>

2087	HNPHY51	899913	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1336 of SEQ ID NO:2086, b is an integer of 15 to 1350, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2086, and where b is greater than or equal to a + 14.</p>	<p>AW008642, AI568918, AW245195, AI095605, AA307509, AA425494, AA146920, AI079724, AA742403, AA628536, AA425289, AA393886, AI075449, AI301574, AW020330, AA148122, AA738372, AA633222, AI908262, AA465300, AA463585, AA393791, R15429, AI554546, R16169, AA629523, AI193861, NS0479, AA234353, AI863835, AA770378, AI927526, AA463677, R24974, AA384622, AI289080, AA143495, AA516015, AI039133, AA305089, AI094204, AA234408, AA653256, AW026433, Z45471, Z41168, AA135180, AI541233, AA135354, AI654673, AA746823, AA428026, R45235, AW337352, AI907894, AA152118, N93532, AI363444, AA865095, T24569, Z20397, AA070991, AA070717, AW189792, AW170538, AA906520, AA143494, AA886922, AI382046, D50645, AC005726, AC004807, D50646, A74812</p>
2087	HNPHY51	899913	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 702 of SEQ ID NO:2087, b is an integer of 15 to 716, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2087, and where b is greater than or equal to a + 14.</p>	<p>Z99396, AW392670, AL038837, AL037051, AL036725, AL036418, AA631969, AL039074, U46347, AL039085, AL039564, AL036858, AL039156, AL039108, AL038509, AL039109, AL039128, AL036924, AW384394, AL119484, AW363220, AL037094, AL039659, AL038531, AL036196, AL039625, AL039648, AL045337, AW372827, AL036767, AL119457, AL037082, AL043003, AL037526, AL036190, AL119497, AL037639, AL119319, AL039678, AL039629, AL119324, AL039423, AL036238, AL038447, AL039150, AL119439, AL119391, AL119443, U46350, AL040992, AL042909, AL119522, U46351, AL119483, AL119363, AL119355, AL037077, U46341, U46349, AL119341, AL038520, AL119396, AL037726, AL119335, AL119418, AL039410, AL038851, AL039386, AL119496, AL036268, AL037085, AL119444, AL037205, AL134530, AL036998, AL036733, AL037615, AL134519, AL134531, AL119401, AL134132,</p>

2088	HTOHV42	900015	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1410 of SEQ ID NO:2088, b is an integer of 15 to 1424, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2088, and where b is greater than or equal to a + 14.	<p>AL134527, AL134528, AL043147, U46346, AL037178, AL037027, AL042614, AL036679, AL119464, AL134533, AL042544, AL119399, AL042984, AL042965, AL042975, AL042542, AL134538, AL036765, U46345, AL036191, AL042989, AL036719, AL043019, AL042551, AL043029, AL042450, AI142134, AL037021, AL037054, AL036774, AL036836, AL036158, AR066494, AR060234, AR023813, A81671, AR064707, AR069079</p> <p>AI014506</p>
2089	HWLXO02	900162	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1212 of SEQ ID NO:2089, b is an integer of 15 to 1226, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2089, and where b is greater than or equal to a + 14.	<p>AW373239, AW372628, N27996, AA377857, AA422157, AI808730, AW393029, R73350, AA326416, AW373220, R54681, AI827898, AI825876, AI650385, AI827701, AI888306, R50597, AI934499, AW006103, AI422225, AA524283, AI088893, AI422224, AI217369, AI380811, AI469281, AA494534, AA975272, N21338</p>
2090	HWLKM7 7	900249	Preferably excluded from the present invention are one or more polynucleotides comprising a	<p>AW084558, AW409927, AW304724, AI745388, AW136749, AI979175, AI817727, AW134503, AA593923, AA573915, AI652793, AI675562,</p>

2091	HWMCI06	900555	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1618 of SEQ ID NO:2090, b is an integer of 15 to 1632, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2090, and where b is greater than or equal to a + 14.</p>	<p>AI683795, AI922809, AI983612, AI984843, AA573905, AI656045, AI983786, AI984139, AI380162, AI361395, AI936791, AI479830, AA588051, AI590585, AI673630, AI347176, AW206967, AW137010, AI288836, AW170399, AI287323, AW271527, AW197398, AW193824, AI380626, AI869939, AI371858, AI650707, AI861931, AI201641, AW050592, R00081, T53389, AA937517, AA552662, AW304869, AI015077, AI309572, AI262657, AI460271, AI932957, AI950720, AI652807, AA327548, R72802, R50426, AI634175, AI089131, AI986002, R47791, AI659375, AI986009, AI880486, AI418738, AI973094, H26655, AI719489, R52030, AA327517, AW272341, AA523545, AW241543, AA936966, AI918271, AI652616, AW197366, H26610, AI968929, D25775, AW087283, AA100205, AI880487, D84239, AC006950, I95742, AI479949</p>
2091	HWMCI06	900555	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2415 of SEQ ID NO:2091, b is an integer of 15 to 2429, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2091, and where b is greater than or equal to a + 14.</p>	<p>N52439, N77401, AA585439, AI525556, AI535639, AA585434, AA585440, AA585453, AI525316, Z28355, AI541510, AI546855, AI525328, AI541374, AI541514, C15189, AI541523, AI556967, Z30131, AI526180, AI546999, AI525431, AI525306, AI541534, AA585101, AL045991, AI557807, AI526140, AI541509, AI541365, AI546828, AI541017, AA585356, AI557731, AI526194, C16300, AI546899, AI541317, AI541535, AI547039, AI526196, AI546945, AL044029, AL036500, AL134123, AL043950, AL040252, AI540967, AI535660, AI557799, AI541508, AI541307, AI557262, AI535813, AI525653, AL045671, T11028, AL044771, AL049007, AL043468, AL042245, AL046147, AL044015, AL040768, AL044377, AI536138, AL042700, AL046994, AL042712, AL043201, AL040414, AL040571, AL046097, D61254, AI557082, AL037341, R29445, AL079876, AI557787,</p>

	AL043604, AL044583, R28735, AL048647, AL040510, AL040625, AL045817, AL041142, AL041238, AL041133, AL047183, AL040322, AL041131, AL046330, AL041051, AL041292, AL040119, AL047036, AL047170, AL047057, AL047219, AL041227, AL040463, AL039915, AL043612, AL041197, AL040155, AL041346, AL040529, AL041096, AL047012, AL041358, AL041277, AL041163, AL041098, AL040621, AL043538, AL041324, AI526144, AL040464, AL044162, AL041086, AL043496, AL041296, AL041233, AL047593, AL043467, AL041159, AL045725, AL044186, AL041140, AL040193, AL044037, AL040091, AL040128, AL040168, AL040255, AL040285, AL040342, AL040332, AL040617, AL040553, AL045684, AL040745, AL040370, AL043677, AL046442, AL040839, AL041752, AL040149, D57491, AL043775, AL044165, AL043492, AL041602, AL045920, AL041278, AL038838, AL040253, AL044074, AL041635, AL045990, AL040458, AI541205, AL044199, AL044187, AL040090, AL040263, AL040294, AL040329, AL040082, AL044272, AI525320, AL041186, AL040148, AL041730, AL041523, AL043627, AJ239433, AL046392, AL041374, AL040052, AL043845, AL043537, AL039338, AL042135, AL044064, AL039316, AL043923, AL038983, AL043814, AL043848, AL041459, AL043570, AL041577, AL044258, AL044201, AL046850, AL038532, AL037727, T23985, AL040576, AL046914, AI142134, AI546891, AL045753, AL044274, AL079878, AL049018, AI557796, AL040444, AL039744, AL045857, AI546875, AL038822, AI525321, AL046327, AI541013, AL041168, AA585476, AL049069, AL043444, AL041246, AL040472, AI526184, AI557238, AL040238,

	AL041955, AL041347, C16305, A1540920, AL038761, AL040075, AA585438, T41289, T23957, A1557084, A1541506, AL080031, A1541345, AL045989, R29177, A1526073, A1557155, A1525203, A1541048, A1526187, AL042096, A1557279, AL037436, AL042346, AL133620, AB033076, AR017907, I13349, A91965, I66495, I66494, I66487, I66498, I66497, I66496, I66486, I66481, A83642, I66488, I66489, A83643, I66485, I66490, I66491, I66492, I66493, A83151, I66482, I66483, I66484, X81969, AR038855, AR062871, A91752, AR008429, A32110, I05488, I61310, A25909, A60961, A60977, AR062872, AR062873, I08196, A20702, A20700, A43189, A43188, A85395, A85476, A68112, A68104, A06419, A21892, A23997, A68114, A89633, A89634, AR067731, AR037157, AR054109, A21895, AR067732, AR028564, A05160, A08030, A20502, AR027319, A86792, A58522, A91751, AR027318, A58524, A47368, A84772, I19516, A58523, I19517, A76773, A84776, A22413, A84773, A84775, A64973, A84774, A29109, A32111, I63560, AR009152, AR009151, I63561, I63563, A60985, A60990, A98767, E14304, A60987, I08776, I15353, A81878, A93963, A93964, I25027, I26929, I44515, AR002333, I26928, I26930, I26927, I44516, I18895, E16678, I25041, A38214, I56772, I95540, A95096, A95106, A95105, I44681, AJ244004, AJ244005, AF082186, A92133, AJ244003, A91750, I07249, AR068508, AR068510, AR068509, A63954, I91969, I58322, I58323, AR003585, A98420, A98423, A98432, A98436, A98417, A98427, I63120, AR038762, I19525, Y16359, AR035975, AR035974, AR035977, AR035976, AR035978, I08051, D78345, A58521, X83865, A91754, AR031374, AR031375, AR020969, A18053, M28262, AJ244007, I15717, I15718, E03627, I49890, I48927, A02712, I84553, A95051, I84554,

2092	HCRPZ48	900696		<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 888 of SEQ ID NO:2092, b is an integer of 15 to 902, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2092, and where b is greater than or equal to a + 14.</p>	<p>A18050, A23334, A75888, I70384, A60111, A23633, AR007512, I08396, A60212, A60209, A60210, I00682, A60211, A11623, E00609, A11624, E13740, A11178, E01007, A10361, A93016, A35536, A35537, A02135, A04663, A02136, A04664, I08395, I06859, AR043601, A11245, A77094, A77095, E12584, U94592, I03331, A02710, E12615, AR035193, A07700, A13392, A13393, AR031488, I13521, I52048, A27396, AR027100, I44531, I28266, I21869, A70040, A82653, E16636, A62298, I62368, A24783, A24782, A95117, A90655, AF149828, A92666, A92668, A92667, A92665, I01995, AR031566, I60241, I60242, AR038066, A20699, E00696, E00697, E03813, AR027099, Y09813, AR051652, AR051651, A49700, Z32836, A62300, AJ230935, D50010, AJ230902, I05558, AA247997</p> <p>Z99396, AL038837, AL037051, AL036725, AW392670, AL036418, AA631969, AL039074, AL036858, AL036924, AW384394, AL039564, AL039085, AL038509, AL039156, AL039108, AL039109, AL039128, AW363220, AL119497, AW372827, AL037094, AL119457, AL039659, AL038531, AL036196, U46347, AL119319, AL036190, AL119324, AL119391, AL037639, AL119484, AL039625, AL039648, AL045337, AL036767, AL037082, AL119443, U46350, AL037526, AL119522, U46351, AL119483, AL039678, AL039629, AL119363, AL119355, AL039423, AL036238, U46341, AL119335, AL038447, AL039150, U46349, AL119341, AL040992, AL042909, AL119396, AL119418, AL134531, AL039386, AL037077, AL119496, AL119439, AL036268, AL134533, AL042984, AL037085, AL038520, AL119444, AL037205, AL037726, AL134528, AL036998, AL043003, AL036733, AL039410, AL037615, AL038851, AL119401, AL134527, U46346, AL042614, AL037027, AL119399,</p>
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2093	HCRMU04	900777	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1801 of SEQ ID NO:2093, b is an integer of 15 to 1815, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2093, and where b is greater than or equal to a + 14.</p>	<p>AL037178, AL042965, AL042975, AL042542, AL134538, U46345, AL036679, AL042989, AL042544, AL036719, AL043019, AL042551, AL036191, AL043029, AL042450, AI142134, AL036765, AL037054, AI119464, AL036774, AL037021, AL036836, AL036999, AL036886, AL036158, AR066494, AR060234, AR023813, A81671, AR064707, AR069079, AB026436, AR054110</p> <p>AA258714, AA258479, AW372226, AA625114, AI337232, AW372227, AI739102, AA505288, AI418892, AA551238, AA853934, AI936957, R52096, AA481002, R46499, AW166753, AA770298, AW071542, HI7104, AI582908, AW007814, AI086723, AI338746, AI340064, AI094613, AI098869, AI922132, AI357394, AI423481, AW087313, AI421759, AI356823, AA287330, N94480, AA524286, AW005778, AI922862, AW191028, AI566341, AA470698, AI421557, AI361016, AI359797, AI362874, AI863909, AI880712, F09352, AI922424, AA873767, AA481480, AA291405, N20109, AI263664, AA570059, AI913894, W94068, AI381877, AI193950, AI364237, D54296, AI539565, AA789159, AA853935, AA482101, AI360188, Z40719, AA400811, AI214242, AA629142, AA095376, T58139, AI034063, N31573, AI040574, H43298, AA953460, AW131152, AI146352, AW054979, AI648405, AA921717, AW375413, AI445988, AI888216, AI083784, AW136876, AA421021, AI271977, R22588, AI360977, AW188664, AI085523, AI613427, AW057831, AA679957, AA524336, M79269, AI598125, AI620319, H65453, AI078721, F30056, AA701072, W23927, W94067, W22794, AW265783, AA480986, D87444, AL049539</p> <p>T27258, AI634860, AI767588, AA894544, AI991689, AA404730, AI635347, AA195244, AA411217, AW236952, AW293268, AI640606, AW072654, AI633129, AI360887, AW274499, AI096717,</p>
2094	HHBEA82	900784	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	

		<p>the general formula of a-b, where a is any integer between 1 to 5445 of SEQ ID NO:2094, b is an integer of 15 to 5459, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2094, and where b is greater than or equal to a + 14.</p>	<p>AW081124, AI373594, AW117198, AI424073, AA404665, AA236948, AW274623, AI471566, AI041076, AA742216, AA977785, AI979247, AW073726, AA436906, AI129863, AI359758, N24934, AA491080, AA971157, AI081860, AA490894, AI135446, AI077569, N32934, AI167862, AI623813, AA746317, AI581166, AA804498, H28620, AA293454, AA906102, AA293745, T27536, N29816, AA640194, H97513, W73436, AI359073, L44338, AI040170, AA931607, AW079283, AI018416, AA235854, AA386013, AA307874, H94085, AA782504, AA742947, W37849, W69386, AA604174, AI540240, AA805133, AI695574, AI537063, AI337935, AA411218, AI371459, W73359, AI422480, W74279, R50230, R07065, R31685, H94073, AA731784, AA434174, AI357532, AI687230, T27535, AA579916, AA588389, AW103819, W69387, AA101857, AI873792, AI951278, AA577407, AI701686, Z22014, Z98524, H83873, C00310, R50175, Z24849, AA152394, AI244588, AA904357, R67423, AA761110, AA860891, AA935867, AI126673, N30780, F00170, D29461, AA377229, AI932570, AA397568, AA399529, AA730516, N99583, AA679080, AI382296, AA374839, Z98525, AI362551, AI913234, AI741350, AI920850, AI018184, AA702114, R81654, D29114, AA152500, AA148355, H94072, N41550, W37848, AF106037, AF222340, AF183569, AB011097</p>	
2095	HWHGX93	900838	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2071 of SEQ ID NO:2095, b is an integer of 15 to 2085, where both a and b correspond to the positions of</p>	<p>AI922425, AW190231, AW003584, AA528226, AI815200, AW006766, AW385445, AW190883, AI337868, AI983250, AW262130, AW337212, AW305087, AI587497, AI826854, AI640371, AI218233, AI337958, AW373439, N93894, AW000789, AA927991, AA071469, AW373440, AA513750, AI688284, AI696797, AA922948, AA857092, AI246042, AI920995, AI624419, W92531, AI491929, AI828286, AI379231, AI091871, AI584063, W72225,</p>

			<p>nucleotide residues shown in SEQ ID NO:2095, and where b is greater than or equal to a + 14.</p> <p>AW204980, AI1818524, AI378538, AI280799, AI674870, AA449300, AI925019, AA431859, AI608680, AI435229, AI627567, AI587133, AI445568, AI354309, AW305146, AI587049, AW338230, AW440094, AI084022, AA449749, AA431858, AI366084, AA505877, W77968, AI911667, AW130716, N64004, AA976403, AW337258, N32415, AA449032, AW136886, AI124030, AA528219, AI453434, AW193263, AI431982, AI631423, AI952361, AI223458, F37472, AI401365, AI290429, AW132036, AA429960, AI333455, AW058441, AA024772, AI950830, AW276587, AI357328, AI587493, AA295018, AI220027, AI360535, AW338970, H87071, AI453327, AW263304, AW044542, AW006613, AI950575, AW316754, AW304759, H16121, AI252225, AA705737, AA024771, AA335712, AI580689, AA295688, N32424, AI583059, H44092, D62000, N56835, AA602994, D79675, AI537354, D62999, AA347786, D62623, AW263293, D62595, AA330758, H15818, D62097, D62477, H14917, AW380238, D62131, D79867, AA371169, AA834426, AA339113, AW263466, D62031, AI536580, AW292336, AW198171, AW192650, D79597, AA176165, AI932668, AI432477, AI802265, D61938, AI280000, AA705749, AI699012, D63012, D62525, AA642685, D61902, AW262566, AA082155, AA297695, C16543, H14624, C16137, AI686490, D62783, H87723, AI624168, AI949192, AA297550, C02046, AA095691, H29095, AA093657, AW385441, H28991, N56478, D61986, AI921253, AW029179, D79835, AA329099, AW089105, N83254, AA295743, AI648663, AW021588, AW161579, AI608936, AI637584, AI498067, AW301409, AL039086, AL121496, AI281772, AW169671, AI811344, AW081255, AW198090, AW059713, AI362637, AL045266, AI476046, AW088134, AI933589, AW190042, AI922676, AW088903,</p>
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	AI921248, AI289629, AI633125, AI468872, AI539771, AI699011, AI538829, AI499285, AW302988, AW103371, AW073994, AI537677, AI909697, AI269862, AI868831, AI922901, AI537273, AI889376, AI524671, AI884469, AI874166, AI670009, AI802542, AI796743, AW081298, AI783504, AW268122, AI625701, U88567, AF017989, EI6093, D50462, AF017986, I48979, I48978, AL049452, I89947, AF113013, I33392, AF090934, AL137463, A08916, A08913, AF090901, AL133093, A08910, AL133080, A77033, A77035, AF183393, AL122050, AL133075, A08909, I89931, I49625, Z82022, AL117435, AF113019, AL080137, AL050149, AJ238278, AF104032, Y11587, AL122093, AL050138, AF106862, U91329, AF017437, AF113677, Y16645, AL137557, AF017152, AF177401, AL050393, AL049300, E07108, AL049382, AL137459, AF125949, AL110225, A65341, AL137271, AL117460, AF090903, AL080124, AF078844, AF118094, AL133640, AL110221, AI2297, X65873, AL122121, AL137550, S78214, AL110196, AL117583, AL133557, AF079765, AL137527, X98834, A93016, AR011880, AL049938, Y11254, AL133560, S68736, AB019565, A03736, AF113694, AF113691, AF153205, AL049466, AJ000937, AF113699, X84990, AF090900, AF146568, AL080060, I03321, AF091084, X82434, AJ242859, AL050024, AF118070, AL049430, E02349, AF111851, AL122098, AL117457, AL050116, AL133016, AF125948, AL050108, AF090896, U72620, U00763, AL080127, X72889, U35846, A58524, A58523, E03348, AF158248, AL050277, AL137538, AL117394, AF113690, AL049464, U80742, A08912, AF113689, AF118064, AR059958, AF113676, AL133565, X63574, AL122123, AF090943, AL049283, AL049314, AL117585, L31396, AL096744, AL050146, U42766, AL133606, L31397, X96540, AL122110, E07361,

2096	HTNAI80	900919	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1767 of SEQ ID NO:2096, b is an integer of 15 to 1781, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2096, and where b is greater than or equal to a + 14.</p>	<p>I42402, X93495, AF097996, AL080159, AF087943, X70685, AL133113, AF067728, U67958, AF119337, I09360, I26207, AL133072, AL137283, AL110197, AL137648, AL133077, E15569, AF061943, AL137521, AJ012755, A93350, AL137560, Y14314, AL137294, AF026816, AL133104, AL133014, AR000496, U39656, AL137556, I00734, E00617, E00717, E00778, AL137480, AL122049, E08263, E08264, AF026124, AF111112, A45787, AL050172, AL133568, AF106827, AF111849, S61953, AL137523, U58996, AF003737, AL133067, Z72491, AF000145, AF185576, AL110280, AR038969, I17767, U96683, I09499, AL117440, AR038854, E05822, AL080074, Y09972, AL137476, I41145, AF162270, AL137526, E06743, U68387, U49908, AL122118, AJ006417, AF057300, AF057299, AF079763, A07647, L19437, L30117, M30514, AL133098, AL122111, E08631, Y07905, AF008439, E04233, AF210052, X87582, X62580, AF081197, A90832, AF106657</p> <p>AA910946, AW370766, AA773478, AI147187, AI627563, AW245820, AW084163, AA827996, AI654448, AI445660, AI925490, AW370781, AI261225, AA444056, AI860488, AI339998, AA692124, AA826649, AA916472, AW206617, AI082028, AW293553, AA588398, AA781244, AA100487, AA444074, AA662089, AW363526, AW169569, AI619549, AI272817, AA099576, AA626735, AI476556, AA563618, AW005594, AI669785, AI694033, AW370776, AA100486, AA130971, W31417, AA838073, AA826578, AI869910, AI694055, AW128848, AI285208, AI813824, AI700255, AA548132, AW374533, AA983604, AW245780, AI688313, AA102239, AW374457, AA337602, W04536, AA774600, AA384358, R00451, W92449, AA336823, W92448, AI401368, AW087441, AI269310, C06239, AA130960, AI991651, AA016201,</p>
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	M85399, R00450, AI625478, T04952, AI654393, AW438953, D30892, AA954856, AW374478, AI804856, AA100202, AI272981, AW439050, AW374583, AA927954, AW374501, AW374602, AI934259, AW051233, AW152182, AI345347, AW027904, AW169624, AW050578, AW020419, AI554827, AI612750, AI915291, AI872555, AI678395, AI670767, AI866082, AL119828, AI827154, AI673785, AW059828, AI538850, AI500061, AI890907, AI689388, AW189415, AL037454, AL047344, AI884318, AA928539, AA620560, AW088697, AA502794, AI345608, AW117919, AI538885, AW088628, AI521799, AW020693, AI357940, AI340603, AI540759, AI345396, AI345471, AI538055, AI628833, AI251221, AL039086, AI249257, AA420722, AI345745, AI287477, AI540674, AI446373, AL038605, AI570912, AI284131, AI824576, AI690748, AI866573, AA176980, AI784219, AI242248, AI340519, AI355779, AI334714, AI434453, AI926669, AI922215, AI133559, AI783498, AI648436, AW161579, AI335363, AA808311, AI281888, AI284517, AI923989, AI697306, AI701885, AI348847, AI860027, AI553645, AI340627, AI889372, AW090013, AI872423, AW238688, AI623941, AI494201, AI345527, AI348854, AI473536, AI584153, AI340511, AI799195, AW151766, AI698391, AI800370, AW022699, AI554343, AI311892, AI475139, AI434464, AW162194, AI280655, AI345415, AW020095, AW074869, AI889189, AW022102, AA641818, AI868204, AA848053, AI633125, AI344935, AI624529, AW080079, AI538564, AI554245, AI579991, AL046200, AL046466, AW163834, AI859464, AI620859, AF020797, AF067146, Z83841, I48978, A93350, I89947,

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2097	HCRPO45	900966	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3081 of SEQ ID NO:2097, b is an integer of 15 to 3095, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2097, and where b is greater than or equal to a + 14.</p>	<p>AF114170, AL122049, I09360, A65341, AL050024, AF113699, X80340, AR029490, AL133081, Z82022, AL133098, AL117460, AL117585, AL080158, X92070, AL117578, AL137712, AF026008, AL133077, AL050155, AF106657, Y07905, AF139986, AL050393, AL117435, AL137292, AJ005690, AF008439, X72889, D83032, S78214, E07361, S61953, Y10080, S83456, AL137283, AF097996, Y11587, AF106827, E12580, AL050278, I17767, AL049466, A08915, L31396, AL049452, AL050146, A03736, L31397, AL137267, AR068753, AF026816, AF119337, AF091084, AF003737, AF113019, AF113689, L19437, AF090943, U67958, X06146</p> <p>AL110406, AL042617, AI207822, AI921758, AW103491, AI951947, AW245787, AW151593, AI494358, AI262716, AW245429, AW341614, AW378336, AA894688, AI801517, AI076235, AI828126, AA904279, AI675937, AI460342, AI128285, AW294715, AI745086, AI077325, AL042068, AA115771, AI624138, AI082386, AA459947, AW167502, AI540099, AI635602, AI364603, W67744, AW341954, AW078482, AI434372, AI953308, AW261951, AW005837, AI633304, AI623521, AI057179, AI368673, AA004519, AW168441, AA552497, AI591419, AI564983, AA974973, N23827, AI692827, AA627254, AA448321, AA314542, AW080692, AI205001, AI368672, AI872494, AW074327, AI872477, AI758700, AI680387, AI334786, AA641824, H14234, AW051418, W67145, AI493453, AI184117, AI378974, AA377758, AI720317, AW082444, AI363715, AA074282, N25080, AW190481, AI439839, AI032415, AA552221, AI825222, AI473352, AW378284, AI198651, AI432602, H65846, AA729339, AI784394, W32168, F28183, AW370330, AI870988, H69297, H28474, R54785, AI356300, H58452, AA113878, AA868529,</p>
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2098	HWLWF60	900991	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1400 of SEQ ID NO:2098, b is an integer of 15 to 1414, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2098, and where b is greater than or equal to a + 14.</p>	AA470038, AA115770, D54636, AW263948, W92582, AI866290, H69392, C17841, C17347, AA934363, AA416938, RS4975, AI669735, AI690365, AA343797, AA400959, W32110, AI270015, AI859811, AW393711, H61829, AA968922, AI351193, AI911491, AA814464, AA291849, H58453, AA421734, AA434017, AI000272, AA322101, N87914, AA477387, AA994996, AW241334, AW090284, AA296340, AA400890, AA291727, AA411311, AI669906, T29492, AA477140, AA291696, AI561336, W92583, AW378332, AA004602, H61828, AA907778, AA614865, AI933538, AA904512, AW378303, AI279499, AW372174, AI560558, C17284, H49899, N83492, AA587988, AI684276, H65933, AA581394, R62494, AI696415, AI299631, AW378274, H39968, AA460036, AA641823, AI964054, D20567, AW370328, AI479661, AW237023, AL117507, M22636, X04654, X07401, AL117399, X84841, M57939, X06815, X06814, M57937, X06812, X06816, X17453, X06811, M57936, X07402, X07403, X06819, X17451, AA456813 AW368386, AW238539, AA029705, AI831658, AA307163, AI880448, AI826080, AI809445, AI749767, AW392516, AI719057, AA216597, AI924141, AI753535, AA425993, AA405599, AW189150, AA405525, AA293346, AL038035, AA706635, AI831455, AA126431, AA570492, AW148955, AW102926, AI609085, AW072010, AI951355, AA449167, AI189194, AI828698, AI014547, AW168852, AI148422, AA305104, AI147540, AI499218, AA431664, AI625708, AI565713, AI148267, AW118509, AA315632, AA745627, AA826234, AI144475, AW169850, AW304105, AA425864, AI075654, AI018481, AI339069, AI023124, AA457092, AA577508, AW050921, AA602566, AA431311, AA633001, AA229090, W00840, AI199803, AA405536, W45253,
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	AA844041, AA527916, AI783869, Z46157, AA126575, AA532371, AA578044, AA427432, AF077030, AF151812, AF091085, M30773, AL137521, X63410, I48978, X66871, AL117460, U75932, AF068753, AL049382, AL137548, AL137476, A15345, U58996, AL080126, A08910, AF115410, A08909, AB016226, A08908, AF100931, E05822, AF039138, AF039137, L13297, AL137560, AL023657, AL137550, I89947, A08907, M30514, A08913, AR038854, AF113677, AF112208, A08912, A08911, AF126247, A77033, A77035, X06146, AF017790, AF047716, AF091084, AF090934, AL122049, AF090943, AF118092, I17544, AB007812, AL137529, AF125948, S76508, AL137537, AL133558, AL133081, U53505, AF159615, AL137554, AL110225, E01614, E13364, AF057300, AF057299, I68732, AF113691, AR020905, AL137271, U42766, X70514, AL110221, AL133623, I89931, AL137557, E15324, S77771, AL049452, AF031147, AJ005690, I49625, U54559, AL137429, AL137657, AL133637, A07588, E02349, AF079763, U55017, X67688, AF106697, AF026124, AF058921, AL137533, AL117435, U49908, I48979, A70386, E02152, AL137292, A18777, AF017437, AF145233, AJ238278, M96857, AL122093, X67813, AL050393, AL080163, I89934, I29004, AL080124, AF113690, AL133067, AL109672, A65341, X80340, U67328, AL137281, AL117457, AF036268, A03736, AL137479, A17115, A18079, AL136884, AL049996, Y10080, AF038847, Z13966, X84990, AL122100, E06743, I32738, X63574, M92439, AF061795, E01573, E02319, AF151685, AL133010, AF013214, AF013249, AF111851, AF210052, E12580, AF076633, AF200464, A91160, AL133016, E01963, U49434, AL080074, AL080148, A91162, AF061943, AL137300, A21103, L04849, AL122110, AR013797, X82434, AR034830, I96214, Y16645, AL049300, S36676, A08916,

2099	HCNCY38	900993	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2157 of SEQ ID NO:2099, b is an integer of 15 to 2171, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2099, and where b is greater than or equal to a + 14.</p>	AL080159, AR029490, AF115392, AF176651, M85165, AL137459, Z37987, AL137711, AL133075, AL137558, AL049466, AF199027, U62966, AF177401, AL096728, AL137488, AL050155, AF030513, X83508, AF055917, X66417, AL049324, AF107847, A07647, L31396, AF090896, AR034821, L31397, AB029066, AL137716, U67813, AF106945, X76228, AF067728, AJ000937, AL133080, AR009628, AL137530, AF111849, X59812, AF094480, AL080234, AL133557, AL137254, AF137367, AF114168, M80340, AC004200, A08456, A57389, AL137526, S63521, AL117463, AL050277, AL049426, AL050172, AR038969, X92070, AR060156, AF090886, AF061981, AR068466, Y07905, Z97214, AL050366, AR011880, I89944, AR022283, AC006197, I00734, AF026816, S75997, AF117959, X00474, AF028823, AF082526, Y10823, X79812, AL122050, AL133640, AF118090, AA053235, AA613827, AA918028, AA654613, AA411037, AI038134, D11685 AI732436, AA579242, AI954628, AI763064, AA053424, AI493412, AW134526, AA534814, AI967966, AA053043, AI992267, AI342785, AI304542, AI913775, AI864467, AI733752, AW376406, AL134524, AI142134, AL038983, AL037727, AL039643, AL041347, AL039432, AL037443, AL037343, AL037335, AL037436, AL037323, AL049018, AL038838, AL041238, AL047012, AL044125, AL047170, AL040463, AL047219, AL044162, AL040193, AL040621, AL043538, AL047183, AL043496, AL040464, AL041324, AL045817, AL041098, AL040119, AL037435, AL041133, AL044186, AL041096, AL038822, AL040625, AL038532, AL040322, AL041163, AL038761, AL047057, AL040617, AL040510, AL040075, AL044037, AL040149, AL041358, AL041296, AL043467, AL041346, AL041086, AL045684, AL041246, AL041197,
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	AL039625, AL039648, AI557807, AL045337, AL036924, AI526140, D29033, AL037094, T23888, AL039678, AL039629, AL039150, AL039423, AF147790, AR064707, AR066494, I18895, AJ230935, AJ230902, AJ244007, I05558, AR023813, I08396, X07299, AJ238010, I48927, AR062871, AJ230951, A95051, Z32836, I84553, A92133, I84554, M28262, A02712, A18053, I06859, A23334, A75888, I70384, AR043601, A60111, A23633, A18050, I60241, I60242, AR017907, I66498, I66497, I66496, AR062872, AR007512, I66486, A84772, AR062873, A84776, A84773, A84775, A84774, AR067731, AR067732, A58522, A91750, I15718, AF149828, A60212, A60209, A60210, A60211, A02710, E12615, AR035193, A07700, A13392, A13393, A43189, A43188, E13740, AR027100, I28266, I21869, I13349, A22738, A20702, A10361, AJ231009, A20700, AR060234, AJ230867, I15717, A35536, A35537, AR038762, A11245, A02135, A04663, A02136, A04664, Y16359, D78345, I08395, A58524, I08389, A58523, I62368, AR031566, A85395, A85476, E03627, I66495, I66494, AJ244003, AJ244004, AJ244005, I66487, A90655, A93016, I44681, I03331, I00682, I08051, AJ230972, X83865, A86792, AF082186, A98767, A20699, E14304, A77094, A77095, A11623, E00609, A11624, E00696, AR031488, I13521, E00697, A81878, I52048, A93963, A93964, A27396, I63120, A95117, I49890, I44531, A11178, E01007, AR037157, AR054109, A64973, E03813, A25909, A91965, A24783, I44516, A24782, A70040, I66482, AR009151, I66485, I66483, I66484, E16678, A82653, AR038066, AR027099, E16636, AR051652, Y09813, AR038855, AR051651, E12584, AR064706, U94592, D17247, A93923, Y11449, I01995, AR008429, A93916, Y11447, I25027, I26929,

2100	HCNDA61	901111	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1172 of SEQ ID NO:2100, b is an integer of 15 to 1186, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2100, and where b is greater than or equal to a + 14.</p>	<p>I44515, I26928, A98420, A98423, I26930, I26927, A98432, A98436, A98417, A98427, AJ231028, AR022273, A81671, AR069079, AR051957, D50010, AB025273, D13316, A70869, A93931, A70872, X81969, Y11458, A22734, E17098, AB026436, A85203, AL133053, AL122101, I19525, AL133074, AR054110, A06631, AJ230845</p> <p>AI799005, AI478852, AI825946, AW205093, AA639927, AI684054, AA634246, AA630382, AI193494, AI873043, T94447, AA573526, AI566445, T98050, AW294597, T98141, T94534, AI940596, AI940601, AI922766, AA931283, T24595, AI623271, AA648186, AI023258, AW369427, AW176607, AI971154, AI888177, AA992910, AF061022, AF061024</p>
2101	HCNUB65	901125	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3095 of SEQ ID NO:2101, b is an integer of 15 to 3109, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2101, and where b is greater than or equal to a + 14.</p>	<p>AW009763, AI660234, AI660957, AW361534, AW361532, AW361521, AI802756, AW361520, AI802693, AW361523, AA508854, AI721275, AA581198, AW361522, AW009764, AI687981, AW361528, AA296955, AI721121, AA297150, D25727, AI582072, AA305409, AA514186, D80166, D58246, C14014, AI535886, D80439, D81026, D51221, D51060, H67854, D80022, D81030, D81111, D80133, D80157, D80212, D59619, D80210, D80240, D80219, D80064, D57483, H67866, D59859, D59551, D80196, C14227, D80391, D59787, D80251, D51799, D80164, D80024, D80268, D80366, D59889, D80188, D51423, D59317, D80253, C14389, Z21582, C14973, D59653, D80227, C15076, AA809122, F13647, D80247, C03092, D80258, C06015, D59610, D80195, D59474, T11417, D58283, D59503, D59275, D80248, D80045, D50979, D59502, D80269, C14331, D80014,</p>

2102	HWLRB02	901128	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1424 of SEQ ID NO:2102, b is an integer of 15 to 1438, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2102, and where b is greater than or equal to a + 14.</p>	AA305578, D59467, D51022, D80038, D80043, D50995, C16955, AI525912, D51759, D80302, D58101, D80522, C05695, C14957, D59927, T03116, D45260, C14046, C14344, D80241, C14407, D80193, AI525920, D51103, D59627, AI525235, AA514188, D80168, D60010, AI525215, AI525917, AI525923, D59373, D80378, D45273, Z30160, C14298, AI525242, Z33452, T02974, AI525222, C75259, AA514184, D51053, D80949, AI557774, C05763, AI557751, AI525227, D51213, D59695, D51079, T02868, H67858, AW369651, C13958, D52291, C14077, AI525237, D31458, AI525925, AI525216, AI525238, D50981, D80228, N66429, AI525219, AI525228, T03048, AI525239, AI525969, AI525907, AI525908, AI525903, AF127036, AF039400, AB017156, AF095584, I95746, AF039401, A62300, A62298, AR060385, AR008277, AR008281, AR018138, AR008278, I14842, AB028859, AJ132110, AB002449, A82595, A84916, AR054175, AF058696, I79511, X64588, X67155, X68127, AR016691, AR016690, U46128 AA974396, T69960, T69910, AA321203, AI769017, AA729017, AI125450, AI608864, AA815245, AI473420, N54352, AI702478, H95603, AI052817, H38939, AA644692, R09543, R02194, AI216124, AW176420, H86594, AI432644, AI623302, AI431307, AI431316, AI431238, AI432666, AI431230, AI431235, AI431246, AI432653, AI431323, AI431321, AI431315, AI432654, AW081103, AI432650, AI432677, AI431257, AA218744, AA218768, AI431328, AL042729, AI431312, AI431231, AI432655, AI431310, AL042420, AL042655, AL042842, AL042508, AL042931, AL042853, AL045327, AL042533, AL043166, AL042832, AL042741, AL047611, AL135012, AI431350, AI431347, AI431318, AL042802,
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	AW084068, AL042787, AI432657, AL042515, AI431247, AI431354, AL043295, U46344, AL045328, AL040207, AL042488, AC022517, AC003983, AL122126, AC007284, AL135922, AC004943, AC004147, AC009263, AC006270, AL049777, AC004253, AL035687, AL096707, AC004617, U52112, AF001905, AC005005, AC005004, Z72519, AC007876, AC005548, AC004843, AC008080, AC007649, AC005821, AF029308, AC004986, AC004831, Z97353, AF042484, AL020997, AL035653, AC006397, AP000500, AP000952, AC005544, AC005411, AC002525, AC002523, AL031274, AL049589, AL117667, AL031120, AP001063, AB008681, Z84814, AC008170, AC006238, AP000968, AC006212, AC005632, AF165176, Z95704, AL031388, AC007021, AP000475, AC006383, AL049797, AC004972, AL022400, AC003087, AF064863, AC006464, AL034371, AC004478, AL080239, AC005915, AC000119, AC004019, AC005220, AF001550, AL035467, AC005349, AC006840, AL031668, AL079352, AL023775, AC005951, AL031230, AC007156, AC005863, T49155, T49699, R07004, R40742, R40742, H06492, H30564, H40677, H86072, H86543, H86569, N71755, W39372, W86503, W92466, W96135, AA013379, AA016189, AA017476, AA019443, AA021123, AA021310, AA028068, AA031658, AA035574, AA054248, AA059113, AA059194, AA102640, AA135206, AA151930, AA152111, AA156568, AA190486, AA227020, AA227565, AA236317, AA253218, AA256134, AA256047, AA258804, AA258712, AA419606, AA418879, AA430505, AA428585, AA429539, AA492046, AA513740, AA514540, AA548372, AA557441, AA568471, AA602564, AA604253, AA610240, AA568809, AA618500, AA618602, AA639730, AA576999, AA6668780, AA729826, AA738262,

2103	HSDKL35	901202	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2429 of SEQ ID NO:2103, b is an integer of 15 to 2443, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2103, and where b is greater than or equal to a + 14.</p>	AA748351, AA769191, AA826910, AA838222, AA856578, AA887478, AA903993, AA923484, AA934762, AA953033, AA973742, AA977546, AI083719, AI095039, N55802, N56369, W29115, AA641436, AA643059, AA170840, AA411709, AA453677, AA479240, AA669335, AA670172, AA447746, AA779698, AA782736, T26327, AA909244, AA968939, Z40403, Z41712, F07314, AI261269, AI273214, AI274001, AI275808, AI280684, AI197914, AI287863, AI289883, AI301333, AI335020, AI335856, AI367668, AI380398, AI347030, AI436465, AI457810, AI417451, AI469090, AI471619, AI492303, AI559582, AI498211, AI498922, AI567950, AI582535, AI423965, AI149145, AI151207, AI627930, AI205031, AI224159, AI537852, AI589440, AI342557, AI609698, AI610646, AI633238, AI636060, AI65999, AI818580, AI635849, AI768065, AI083757, AA581468, AI479682, AW243083, AA054686, H29261, H29344, AA774784, AA788898, AA563853, T61913, T74334, AI744782, T09341, AW058478, AW020551, AI654542, AI741569, AA364806, N46425, T11289, N51579, AI676141, T89040, T61976, AW408761, R17137, AA774891, AI750509, AI762849, AJ245620, AJ245619
2104	HJPCX37	901253	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2505 of SEQ ID NO:2104, b is an integer of</p>	AL120519, AL120518, AW167654, AI860695, AA878120, AW340140, AA824284, AI829215, AI858970, AI983809, AA723802, AA233673, AI910795, AA527075, AI687053, AI289782, AW195947, AA494414, AI680070, AW132045, AI368513, AW439152, AI688692, AI688681, C00730, AI697102, AW293340, AA524205, AA514491,

2105	HPBEM10	901276	<p>15 to 2519, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2104, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1298 of SEQ ID NO:2105, b is an integer of 15 to 1312, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2105, and where b is greater than or equal to a + 14.</p>	<p>AI337294, AI858216, AI857575, AW022981, AI652837, AC005837, Y11274, A59344, AL122093</p> <p>AA287703, AA287702, AA365652, AA282618, AA927786, AW364617, AA027167, F24601, AI968421, AI913352, AI302397, AI040349, T56496, AA355129, AI984941, AI184494, AA480189, AI128765, AA027168, AA382209, AI935351, AB023172</p>
2106	HWBDL33	901333	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1857 of SEQ ID NO:2106, b is an integer of 15 to 1871, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2106, and where b is greater than or equal to a + 14.</p>	<p>AI263085, AI671224, AI741604, AW055187, H93009, AW057512, AA058688, AI800594, AW195361, AI740946, AW271301, AW292805, AA160279, AI302809, AA160278, AI769897, AI200257, AI628787, AI735273, AI458862, AI091306, AW272744, AI128201, AA716336, AI707638, AA031623, AI307309, N59386, AA421911, AW052091, AA088175, AI824017, AA449402, AA461046, AI635515, AA992750, AI699923, AI880867, AI597746, AA460478, W03796, AI239461, AI863568, AA448335, AA582895, AA449267, AI278475, AI691016, AI758904, H64963, AI278932, AA709030, AI418284, AI361585, AA045175, AA150151, AI634797, AA035209, AA045521, AI933321, H59637, AA035208, AA975342, AA917066, AI261533, AI300367, AI149430, T97469, AA502528, AI199994, AA974453, AA810540, AA411404, AA576365, F20467, AA040431, N47960, AI373386, AI684553, AI962642, AI474422, AW072561, AI824266, R97144, N73170,</p>

2107	H2LBA47	901375	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1295 of SEQ ID NO:2107, b is an integer of 15 to 1309, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2107, and where b is greater than or equal to a + 14.</p>	AA731356, AI806247, T97468, AA502505, H13072, AA099553, H64964, T96890, T96889, R58859, AI161128, AA677863, H95741, AA380214, AA040644, T70436, H94235, AI305839, AA366448, AI743473, AI668883, AA366209, R97096, AA502417, T81549, AA361023, AA045294, AA976534, AA974771, AA465003, AI922795, AA441989, AW148422, AW182457, H13276, AA344621, N77074, AA713812, W01926, AA031704, AI733416, AA736644, AA040430, AA101990, N49171, AA781193, AA382998, AI148352, AA452710, AA152220 AA346914, AW361114, AA573910, AA573949, AA314779, AA573904, AA573811, AA573823, AI791286, AI791498, AA573762, AA308533, AI732541, AA314573, AA315990, AA307789, AA308019, AW362522, AA315862, AI925615, AI802703, AA315993, AA313200, AA316848, AA316249, AA552253, AA316525, AA552098, AI393251, AI926615, AA313549, AA508861, AA316634, AA552332, AA552296, AA314847, AA573769, AI446121, AA315069, AA581222, AW130226, AA552106, AW363214, AA552304, AA551912, AA316658, AA552492, AA574080, AA314181, AA552602, AA307590, AA315842, AA552328, AI888532, AA588112, AI318255, AI318551, AW362532, AI307602, AI452604, AA551820, AA315757, AA313418, AW351498, AW361505, AA584947, U54601, AW130541, AW182560, AA612996, AI691058, AI933755, AA527185, AA588123, AA316515, AI537454, AA581266, AI282560, AA583270, U54606, AA582738, AA535703, AW351551, AI732344, AA837983, AW361468, AI470732, AW044042, AI444965, AI652625, AI926800, AI919553, AW008048, AL036638, N71180, AW020397, N75771, AW020710, AW409775, AI557238, AI932458, AI698391, AW029401, AI818358,
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	AW411235, AL038437, AL037454, AI568060, AW020592, AI627988, AA806719, AI254727, AI590043, AI537677, AW044029, AI525669, AW162194, AI446809, AA580663, AI538885, AI525653, AI866127, AI587121, AW020406, AI559872, AW161579, AI273179, AI589428, AI540674, AI582483, AL119791, AL040207, AI866608, AL045500, AW023863, AL038529, AW189802, AI612885, AI364788, AI572717, AI244136, AI817430, N99088, AW191916, AI539766, AW238730, AW172745, AI620810, AI541027, AL048482, AI866510, AI536912, AI539800, AA809974, AL121365, AW265004, AL121328, AW023338, AI859991, AI624293, AI355779, AW305233, AA983883, AI623941, AA127565, AW021717, AA715307, AI648567, AI541048, AI918449, AI621341, AI950688, AW132107, AA100772, AI680194, AI336575, AI859464, AW082623, AI923989, AI671642, AI494201, AL039390, AI690748, AI866465, AI335208, AW163464, AI874166, AI927755, AI499986, AW020480, AI628325, AI874151, AA911767, AI288285, AW410259, AA641818, AI348854, AI473528, AI366992, AA493647, AI500523, AA853213, AW163834, AI620302, AA904121, AA853539, AL037030, AL121270, AI567944, AL044207, AI002285, AI866469, AI435253, AA420758, AI539781, AI590943, AL039716, AW019988, AI500061, AI491710, AI557426, AI269862, AI521560, AI433157, AI348917, AI919500, AI309306, AI554821, AL045163, AI541056, AL043070, AW151136, AL046944, AI801325, AI569583, AI539771, AI866646, AI619587, AW023351, AW051059, N99092, AI349957, AW051088, AI866820, AI500659, AI889372, AI866461, AI345005, AI815232, AI718513,

	AR030953, AR058965, S68736, A91160, A76335, U91329, AL137480, U67958, X72387, AL133606, AF113019, I48978, AF111851, I89947, A08910, A08909, A12297, A93016, X66871, Y10080, A08916, AL137271, AL049464, AL122049, A18777, AR068751, AF090886, AF026124, AF100781, Y11254, AF065135, A08908, AF017790, I92592, A08913, AL117435, AL137523, U87620, A08912, AF106862, AJ005690, AL137557, AF185576, AR038854, AF090934, AL110196, L31396, AL137705, L31397, X63410, AF078844, AL137478, E06743, AL137574, AF061795, AF151685, S76508, U88966, AF120268, AF113676, AJ012755, I89931, AL023657, AL110218, E12747, I89934, AR068753, I49625, A08907, AF111849, Z37987, AL050170, AJ003118, X81464, AF067728, U58996, AL049452, AL117416, AF079763, AF153205, AL137488, AF090901, U35846, AL137476, AL080124, X79812, AL049283, U92068, AF087943, I03321, AL080154, I17544, E01314, AL137711, AL050116, AF177401, AJ010277, S79832, AF106657, AL050092, U42766, AF022363, A77033, A77035, AL110171, I48979, AF118090, AL049314, A90832, AL137529, AL122045, I68732, A15345, AF210052, A83556, AB016226, A65341, AL137640, Z72491, AF118092, AF031147, AF090903, AL137550, U68387, S83440, S77771, AL096751, AL133072, Z97214, AL137479, D83032, AF113677, E07108, AF146568, AF061943, AL122110, AL080074, AF017437, Y11587, AF176651, AL117585, A93350, AL133075, AL117457, AF158248, AL133031, AL137548, AF114170, S36676, A07647, AL133016, D16301, AL117440, AL110225, AR034821, E02221, X63574, I89944, AF111112, AL050277, AL133080, X70685, I09499, AL137558, AF139986, AJ006417, AF081197, AF081195, AR011880, A58524, A58523, A21103, Y10655, AF126247, Y10936, I33392, X80340, E02349, AJ238278, AF094480,

2108	HCQAJ72	901415	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a polynucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 929 of SEQ ID NO:2108, b is an integer of 15 to 943, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2108, and where b is greater than or equal to a + 14.</p>	E08631, AL080140, AL137521, AF026816, U75932, S61953, S75997, AR020905, X82434, E03348, AL050024, AL122050, AL080159, AL133640, AF183393, X52128, U00686, AL096744, I66342, AF040751, AL137533, AF061981, U80742, I32738, U72621, AL080148, AL080126, AB008792, AL137292, AF104032, X56039, AB008791, I41145, X66862, AL049339, AF113699, AR029490, Z82022, AF162270, AL133557, AL080127, AL110221, AF090900, Y08769, AL122093, A23630, AL110222, AL133112, X96540, A08911, A18788, AL110159, AL049300, AR038969, AL137560, AL117583, A21101, AL133665, AF090896, AF137367, E01614, E13364, AL080163, U72620, AL133560, AL117648, AF067790, AL110280, AR013797, AL133637 AI675865, AI075324, AI815198, AI634717, AI888294, AW151674, AI817063, AW369331, AW194118, AI380637, AI436796, AW166169, AA573742, AW369360, AA909945, AW152548, AW190856, AW364300, AI735767, AI080640, AA582017, AI445913, AA316115, AI678847, AA307697, AI475938, AW364225, AI921153, AA314225, AI888914, AW304001, AI828325, AW272720, AA533047, AA315049, AI559391, AW073291, AI801054, AA776960, AI025266, AA582851, AI800431, AI378681, AI800451, AA838499, AW370283, AA315629, AI720013, AI805627, AA884931, AA307513, AA316874, AI378390, AW027843, AA314372, AA565996, AA437001, AI801784, AI040152, AI249798, AA552670, AA970336, AA316967, AA316233, AA314146, AI275085, AA315724, AI476691, AA307795, AI925030, AW364247, AI537173, AA838482, AI242802, AI277266, AA622524, AI473626, AI291994, AW002338, AI610106, AI184843, AA442829, AI469656, AA426228,
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2109	HETHC61	901421	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1363 of SEQ ID NO:2109, b is an integer of 15 to 1377, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2109, and where b is greater than or equal to a + 14.</p>	<p>AI146786, AA315166, AI582452, AI916480, AA593818, AA313235, AA421562, AI285429, AI924498, AA583091, AI358508, AA425142, AI445130, AI888732, AA315613, AA244356, AA632103, AW190915, AA581848, AW152169, AW191880, AI678427, AA565444, AW192785, AI891014, AW370274, AA314206, AA476675, AI473553, AA625485, AA687567, AI675714, AA316508, AI685830, AA314052, AI434099, AA298537, AI469613, AI972701, AI972499, AA526975, AI933636, T86663, AI623264, AA513297, AI581525, AW080588, AA501945, AI400863, AA315408, AA298527, AA639696, AA421527, AA58986, AA570785, AW303846, AI537212, AI926128, AI695291, AI986354, AA055880, AI445127, AW196067, AI580982, AI932444, AI919084, T24475, AI471336, AI783818, AI924494, AA306967, AI867585, T24892, AA506763, AA307841, AF088867, AF038451, AF007791, AF044262, AB016592</p>
2110	HTXLJ25	901472	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1363 of SEQ ID NO:2109, b is an integer of 15 to 1377, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2109, and where b is greater than or equal to a + 14.</p>	<p>AI829099, N25625, AI126506, AI200037, AI128843, N34223, AA743134, AW024969, N36303, AI217597, AA605122, AA729493, AI160533, AW450603, AA568193, AA568681, AW020616, AI695490, N26904, N24885, W52651, AA648514, AA806507, N35103,</p>

2111	HCNA122	901473	<p>is any integer between 1 to 774 of SEQ ID NO:2110, b is an integer of 15 to 788, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2110, and where b is greater than or equal to a + 14.</p>	<p>N72137, AI802647, AI312534, AA729125, N34254, AI219599, H86994, H86995, N39790, R73200, N25653, AI032141, W00385, AW298649, AA296449, N28403, R73137, N26781, R26304, AW452862, AW453038, AI299683, AA988539, WS2017, AI039557, AI141901, AA768761, AW236299, AI361669, AI674252, T25829, AI452444, N20053, AW074182, AI984739, AI805445, AA543074, T25828, AA358828, AA653691, AI362330, AI906328, AL110196, AL050024, E03671</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1005 of SEQ ID NO:2111, b is an integer of 15 to 1019, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2111, and where b is greater than or equal to a + 14.</p>	<p>AW001287, AW300770, AI691072, AI936111, AA622758, AI245950, AA563933, AA622120, AI801582, AI348065, AA552519, AW001308, AA847242, AA622570, AA552362, AI660557, AW050790, AA582787, AW000826, AA643708, AA298484, AI732367, AA643616, AA514424, AI673534, AA857546, AA025434, AA543029, AI821215, AA470683, AI732198, AA297147, AI582013, AA297176, AA025433, AI749731, AA594300, I95745</p>
2112	HSIAL77	901494	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 961 of SEQ ID NO:2112, b is an integer of 15 to 975, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2112, and where b is greater than or equal to a + 14.</p>	<p>AI685117, AA583424, AA554005, AI718759, AI721245, AI732444, AI832388, AI732445, AI720621, AI720903, AA130541, AI460276, AI990978, AI990957, AA574028, AI879881, AI733759, AA115664, AI832502, AI983398, AI733760, AA580320, AA130579, AA134398, AA126912, AA132736, AI748949, AA308497, AA134332, AA055636, AA133748, AA134372, AA36898, AI708072, AA130459, AA603658, AA134397, AW204007, AA297640, AA102277, AI302569, AA316534, AA130403, AI983618, AA296956, AI380363, AA506416, AI445264, AI688106, AA569104, AA100297, AI963380, AI925567, AW362172, AI672950, AW362167,</p>

	AA298528, AA100290, AA633163, AI832499, AA297149, AA134333, AI707468, AI380043, AA297152, AA574073, AA130530, AA099805, AA297184, AI720152, AI962005, AI832629, AW365047, AA132779, AW029266, AW058268, AI581967, AI582108, AA132843, AW130348, AA298926, AA134251, AA132714, AW376682, AW028870, AI469819, AI880716, AA132909, AA132846, AA134371, AA296954, AA127117, AA297182, AW376616, AA298241, AW268068, AI880399, AA298344, AA297180, AW362573, AA054072, AA877810, AI749293, AA877743, AI459944, AW374543, AA298415, D25577, C21047, AW189415, AW196745, AI648502, AI636811, AI680162, AI590624, AI866770, AI431909, AW082594, AI470293, AI679620, AI627880, AI824576, AI826225, AI963216, AA225339, AI269696, AI683707, AI758437, AI569309, AI811785, AI358213, AI890907, AW105620, AI345253, AI345677, AI573026, AW196097, AW168373, AW302973, AI308035, AW268060, AI348854, AI866111, AW409931, AI345608, AI680498, AI284131, AI345471, AI251221, AW022682, AI699011, AI659795, AI564765, AI478123, AW169462, AI440239, AI624548, N80094, AI800138, AL041772, AI917252, AI570169, AI818578, AI802833, AW074869, AW079572, AI613471, AL047763, AI620284, AI349937, AW151785, AI625316, AW081255, AI888944, AI400725, AI886753, AI471227, AW302988, AI872423, AL042440, AL036214, AI280670, AI493576, AI283143, AI452993, AI567238, AI814087, AI611348, AI687065, AI698391, AI345735, AI590686, AI345416, AI445165, AI345612, AI919107, AI609556, AI590423, AW087938, AA493923, AW078945, AI445368,

				AW026610, AI500077, AI345415, AI812015, AI284484, AI334884, AI932794, AI591407, AI744256, AI870192, AI446373, AW302073, AL037030, AI349967, AI539847, AW080279, AI306705, AI366985, AI345787, AW105455, AI801523, AI783504, AI610799, AW302992, AI520809, AI348897, AI352497, AI922901, AI569583, AL036631, AW198075, AW088134, AW263453, AI587606, AI783861, AI468872, AI636619, AW104196, AI611810, AI590120, AI621179, AI589947, AI349957, AW149227, AW103200, AA848053, AI924686, AF014838, I95750, AB006781, U82953, X79303, AF091738, U67958, AF038562, AF036941, AL080127, AF061943, AF162270, X93495, AL122123, AL133016, I48978, U96683, AF158248, AF113694, AR000496, U39656, L30117, AL117440, AL137527, AF017437, I89947, A08916, AF146568, A08913, AF113689, AF118070, AL049314, AJ238278, X84990, AL117585, AL117457, AL096744, AL117435, A08910, I89931, A08909, M30514, I49625, AF003737, AF113019, AL137533, AF026124, E03348, Y11587, AR059958, I03321, AL133093, A77033, A77035, X82434, AB007812, AR038969, AR038854, L19437, AF090943, I48979, AF090934, AF067728, AF090903, AL050277, AL050138, AL050393, A08912, AF081197, AJ012755, AF090900, AF113690, AF113677, AF113691, AL080124, AL137550, AF111851, AF153205, S78214, A45787, A03736, U72620, AL080060, A65341, AL080159, AL133640, E02349, Z82022, AF183393, AL137538, AL122098, AF061795, Y14314, AF151685, AL080137, AL133565, AL137476, AC002467, AL110221, AR011880, AL122110, AF026816, X63574, AL122121, AF113699, AL080074, AL137292, AF091084, AL117432, AL133645, AL133560, AF061573, S61953, AL133067, AL137478, AL049382,

2113	HRACJ32	901515	<p>AL117583, EI5569, AF113013, AL050116, AL023657, U49908, AL080086, AF078844, I26207, AF119337, AL137556, Y16645, AL110196, AL137271, Z72491, I42402, Z37987, AF090901, X65873, AF079765, AL137463, AF104032, AF111112, AF081195, U00763, AL122049, AL137526, AF118064, I09360, X87582, E05822, AL122050, AL133098, AL133557, AF017152, AL133075, AF113676, AL133077, S68736, AL133568, AL133014, U80742, U78525, AL133113, E02221, AF106862, X96540, A93016, AL049452, AL137560, AL122118, X53587, AL049300, E04233, AF087943, AL050149, AF125948, AF185576, U35846, AJ006417, AF057300, AF057299, AL110280, X72889, A58524, A58523, AL049466, AL133080, I33392, AL117460, AL049464, AF008439, AF118094, AF097996, A90832, AL050024, Y11254, AJ000937, AL049430, U58996, AL137459, AF111849, A93350, Y09972, AL050108, AF177401, I00734, AF090896, AL137273, AL122093, Y07905, AL133072, U42766, AL137521, AB019565, AF067790, AL133104, AL137557, AL049283, X70685, AL137648, AF079763, AJ242859, E07108, A07647, E08631, AF125949, L31396, E00617, E00717, E00778, U68387, AL050146, AL110225, AL117394, A12297, AL133606, L31397</p>
			<p>AI675414, AW151946, AI095584, AW298180, AI871918, AI377209, AA031514, AI565078, AA975518, W52564, AW189257, AI922822, AI758884, AA987674, AA908398, AI679314, AA908479, AA828906, W31903, W60256, AA528246, W39266, AA977868, AI570763, AA970839, AI920871, AW338549, AI696789, AI962006, AA344350, AA299556, AA910725, AI219260, AA299411, AI921665, AA031513, AA887197, AI888609, AA937044, AI925329, AI888421, T27673, AA033870, AA034355, AI537808, AW297694, AA029323, AA173929, T27577, AI869462, AA335005, AI933599,</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1159 of SEQ ID NO:2113, b is an integer of 15 to 1173, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2113, and where b is greater than or equal to a + 14.</p>

	R36271, AW162194, AW167918, AIS59752, AL036638, AL079963, AI866232, AI288285, AI610362, AI613038, AW163823, AIS37677, AI540458, AW161156, AW163554, AIS37187, AW020397, AIS64290, AI282930, AI697324, AI524654, AIS54821, AW161579, AI687295, AL079960, AI961589, AA641818, AIS72396, AI382670, AW079572, AI114703, AI699143, AA420722, AI890223, AL043345, AIS70966, AI469505, AI242248, AI802542, AL036901, AL037454, AI468872, AI277008, AL119836, AI919593, AI340603, AIS90043, AI909697, AW021717, AIS39800, AW022682, AIS38850, AI568138, AI884318, AI345416, AI802240, AI345612, AL120700, AI698391, AL042191, AI345415, AI491710, AIS88892, AI690748, Z99428, AI683395, AA640779, AI097643, AW198112, AW020561, AA572872, AI868740, AI798456, AI564259, AI690411, AI686576, N29277, AIS38764, AI345735, AI862135, AI932638, AI499285, AW090498, AL119863, AI270295, AW303089, AI923989, AA580663, AW169604, AI862144, AW051088, AW083750, AIS38885, AL134259, AI633196, AI866465, AL039086, AI623682, AW023338, AL043355, AW103628, AW162071, AI580436, AI624963, AI934011, AL119748, AW088899, AW151136, AL119399, AI434242, AI251221, AI363957, AI916419, AA833760, AW020693, AI811912, AI281653, AI281867, AI440263, AI473536, AA464646, AI475371, AI624943, AI699011, AI800464, AI270055, AL036274, AI954080, AA572758, AI824746, AI241923, AL036802, AL046618, AI312428, AL121328, AW403717, AI349645, AW074869, AI280561, AI566670, AA916133, AI890907, AI917963, AL036631, AW059713, AW150308, AI570807,

	AI567582, AI863382, AI636588, AI648458, AI431962, AI612913, AI307285, AI494201, AI249877, AI950892, AI620517, AW105431, AL048871, AI633477, AW265004, AI597805, AI247293, AI567866, AI827440, AW089572, AI559599, AI699865, AW024564, F27788, AI310155, AL036361, AW028840, AA693347, AL036396, AI969655, AI950664, AI340519, AA908294, AI677797, AI624293, AW238730, AA975952, AI634736, AI638798, AW051059, AI690813, AI349957, AI812015, AI637748, Z11887, X07819, I91443, AB031324, AB031323, L24374, L22524, L22520, X63162, L22523, L22521, L22522, L22519, X07821, X80340, AF039138, AF039137, AL050116, AL122098, AL133081, I89947, I48978, AF057300, AF057299, AL137271, AL110222, AL122050, AL137656, AL133067, AL049283, AL133014, Y11254, AL137459, AB007812, I03321, AL049382, AB016226, A08916, Y16645, X62580, AF113699, AL137533, AF106657, AL137527, AL122123, AL080234, A08913, AF067790, AF100931, AR038969, A77033, A77035, AF153205, S78214, AL133113, AL137557, I33392, I66342, AF061573, AL110196, AL133640, I48979, AL137558, AL137488, E02221, S76508, I89931, I09499, A08912, AL133606, M86826, AR029490, AF139986, U42766, AL137283, AL049300, AL117457, AL080148, AL110221, L04504, AF061943, X53587, AR011880, AL122110, S75997, AJ238278, AL117460, X57961, I68732, S61953, A65341, AL133080, Z82022, AL110197, X84990, Y09972, AL133665, AL117435, I00734, A08910, U49908, AF090934, A08909, E05822, AL137550, AF090886, AF090903, AL133093, E00617, E00717, E00778, AF113013, AL137521, E12747, D83032, AL133560, AR038854, AB019565, AR013797, A08907, A08908, E02349, AF111851, AL133075, AL122093, Y07905, AL133565,

2114	HMGBJ25	901567	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1694 of SEQ ID NO:2114, b is an integer of 15 to 1708, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2114, and where b is greater than or equal to a + 14.</p>	<p>AF008439, A21103, AF078844, AF113677, AF118094, AF159615, Z37987, AL050149, AL133016, AL096744, AF158248, S68736, A15345, AF113019, X82434, AL049430, AF125949, AF177401, AL117432, AF113691, AL137480, AL080163, AF032666, AL137479, AF126247, X79812, AF118070, AL137640, AJ242859, AL122100, AF061795, AF151685, AF106862, I49625, AF017437, AL049452, AF176651, AF090900, X98834, I89934, AL080086, AJ000937, AF113690, A18777, AF097996, AL049466</p>
2115	HDTEO10	901578	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1863 of SEQ ID NO:2115, b is an integer of 15 to 1877, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2115, and where b is greater</p>	<p>AA195220, AW340394, AW245451, AW249311, AW247523, AA411315, AW245809, AA843490, AI744583, AI832220, AI376745, AW166921, AI671163, AI917768, AI536948, AA195229, AI751173, AW118765, AI751172, AI270398, AI934874, AI635792, AI480259, AA677092, AI689138, AI992041, AI217673, AA470811, AI873294, AW002588, AI360270, AW087675, AA904529, R56232, AI631567, AW014308, AI341110, N72697, AA884481, AA354601, AA307392, AW248893, R56314, AW276496, C00611, R96718, AW088921, AI934027, W02478, AA969594, AA766929, AW245106, AA626280, AA642780, AA249655, AA677111, AI174453, AA416840, R96719, AI472448, AA813404, AA416839</p> <p>AI587350, X95876, Z79783, U32674</p>

2116	HSSGC06	901621	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 814 of SEQ ID NO:2116, b is an integer of 15 to 828, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2116, and where b is greater than or equal to $a + 14$.</p>	AA612669, AW026486, AA612668, AI458253, AA311709, AI859961, AA005340, AA005433, AA397884, AI751088, AA005434, AA932249, AW273329, AA287706, AI016843, N66090, AI205137, AA488248, W90552, AA699684, AI694508, W90553, AA130969, AA609505, AA399646, AI693778, AA099841, AI201786, AI452981, AA644003, AI085190, AI808813, AI202524, N98636, T60671, AA407236, R03167, AA191378, AA827388, AI276380, AA488193, H23331, AA160239, AA309096, F12355, AI142701, T57771, AA085583, T64868, AA310662, AA357288, D58848, AA055733, R09250, AI183865, AA356179, M78761, AA045074, AA461214, AA190768, T80323, AW363425, AI677821, R17951, AL031685, AF131742, AA827467
2117	HSICN14	901875	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2506 of SEQ ID NO:2117, b is an integer of 15 to 2520, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:2117, and where b is greater than or equal to $a + 14$.</p>	AL120519, AL120518, AW167654, AI860695, AW340140, AA878120, AA824284, AI829215, AI858970, AI983809, AA723802, AA233673, AI910795, AA527075, AI687053, AI289782, AW195947, AA494414, AI680070, AW132045, AI368513, AI688692, AW439152, AI688681, C00730, AI697102, AW293340, AA524205, AA514491, AI337294, AI858216, AI857575, AC005837, Y11274

Polynucleotide and Polypeptide Variants

The present invention is directed to variants of the polynucleotide sequence disclosed in SEQ ID NO:X, the complementary strand thereto, and/or the cDNA sequence contained in a deposited clone.

5 The present invention also encompasses variants of the polypeptide sequence disclosed in SEQ ID NO:Y and/or encoded by a deposited clone.

"Variant" refers to a polynucleotide or polypeptide differing from the polynucleotide or polypeptide of the present invention, but retaining essential properties thereof. Generally, variants are overall closely similar, and, in many regions, identical to the polynucleotide or
10 polypeptide of the present invention.

The present invention is also directed to nucleic acid molecules which comprise, or alternatively consist of, a nucleotide sequence which is at least 80%, 85%, 90%, 95%, 96%, 97%, 98% or 99% identical to, for example, the nucleotide coding sequence in SEQ ID NO:X or the complementary strand thereto, the nucleotide coding sequence contained in a deposited
15 cDNA clone or the complementary strand thereto, a nucleotide sequence encoding the polypeptide of SEQ ID NO:Y, a nucleotide sequence encoding the polypeptide encoded by the cDNA contained in a deposited clone, and/or polynucleotide fragments of any of these nucleic acid molecules (e.g., those fragments described herein). Polynucleotides which hybridize to these nucleic acid molecules under stringent hybridization conditions or
20 alternatively, under lower stringency conditions are also encompassed by the invention, as are polypeptides encoded by these polynucleotides.

The present invention is also directed to polypeptides which comprise, or alternatively consist of, an amino acid sequence which is at least 80%, 85%, 90%, 95%, 96%, 97%, 98%, 99% or 100% identical to, for example, the polypeptide sequence shown in SEQ ID NO:Y, a
25 polypeptide sequence encoded by SEQ ID NO:X or the complement thereof, the polypeptide sequence encoded by the cDNA contained in a deposited clone, and/or polypeptide fragments of any of these polypeptides (e.g., those fragments described herein).

By a nucleic acid having a nucleotide sequence at least, for example, 95% "identical" to a reference nucleotide sequence of the present invention, it is intended that the nucleotide
30 sequence of the nucleic acid is identical to the reference sequence except that the nucleotide sequence may include up to five point mutations per each 100 nucleotides of the reference nucleotide sequence encoding the polypeptide. In other words, to obtain a nucleic acid

having a nucleotide sequence at least 95% identical to a reference nucleotide sequence, up to 5% of the nucleotides in the reference sequence may be deleted or substituted with another nucleotide, or a number of nucleotides up to 5% of the total nucleotides in the reference sequence may be inserted into the reference sequence. The query sequence may be an entire sequence shown in Table 1, the ORF (open reading frame), or any fragment specified as described herein.

As a practical matter, whether any particular nucleic acid molecule or polypeptide is at least 80%, 85%, 90%, 95%, 96%, 97%, 98% or 99% identical to a nucleotide sequence of the present invention can be determined conventionally using known computer programs.

A preferred method for determining the best overall match between a query sequence (a sequence of the present invention) and a subject sequence, also referred to as a global sequence alignment, can be determined using the FASTDB computer program based on the algorithm of Brutlag et al. (Comp. App. Biosci. (1990) 6:237-245). In a sequence alignment the query and subject sequences are both DNA sequences. An RNA sequence can be compared by converting U's to T's. The result of said global sequence alignment is in percent identity. Preferred parameters used in a FASTDB alignment of DNA sequences to calculate percent identity are: Matrix=Unitary, k-tuple=4, Mismatch Penalty=1, Joining Penalty=30, Randomization Group Length=0, Cutoff Score=1, Gap Penalty=5, Gap Size Penalty 0.05, Window Size=500 or the length of the subject nucleotide sequence, whichever is shorter.

If the subject sequence is shorter than the query sequence because of 5' or 3' deletions, not because of internal deletions, a manual correction must be made to the results. This is because the FASTDB program does not account for 5' and 3' truncations of the subject sequence when calculating percent identity. For subject sequences truncated at the 5' or 3' ends, relative to the query sequence, the percent identity is corrected by calculating the number of bases of the query sequence that are 5' and 3' of the subject sequence, which are not matched/aligned, as a percent of the total bases of the query sequence. Whether a nucleotide is matched/aligned is determined by results of the FASTDB sequence alignment. This percentage is then subtracted from the percent identity, calculated by the above FASTDB program using the specified parameters, to arrive at a final percent identity score. This corrected score is what is used for the purposes of the present invention. Only bases outside the 5' and 3' bases of the subject sequence, as displayed by the FASTDB alignment,

which are not matched/aligned with the query sequence, are calculated for the purposes of manually adjusting the percent identity score.

For example, a 90 base subject sequence is aligned to a 100 base query sequence to determine percent identity. The deletions occur at the 5' end of the subject sequence and therefore, the FASTDB alignment does not show a matched/alignment of the first 10 bases at 5' end. The 10 unpaired bases represent 10% of the sequence (number of bases at the 5' and 3' ends not matched/total number of bases in the query sequence) so 10% is subtracted from the percent identity score calculated by the FASTDB program. If the remaining 90 bases were perfectly matched the final percent identity would be 90%. In another example, a 90 base subject sequence is compared with a 100 base query sequence. This time the deletions are internal deletions so that there are no bases on the 5' or 3' of the subject sequence which are not matched/aligned with the query. In this case the percent identity calculated by FASTDB is not manually corrected. Once again, only bases 5' and 3' of the subject sequence which are not matched/aligned with the query sequence are manually corrected for. No other manual corrections are to be made for the purposes of the present invention.

By a polypeptide having an amino acid sequence at least, for example, 95% "identical" to a query amino acid sequence of the present invention, it is intended that the amino acid sequence of the subject polypeptide is identical to the query sequence except that the subject polypeptide sequence may include up to five amino acid alterations per each 100 amino acids of the query amino acid sequence. In other words, to obtain a polypeptide having an amino acid sequence at least 95% identical to a query amino acid sequence, up to 5% of the amino acid residues in the subject sequence may be inserted, deleted, (indels) or substituted with another amino acid. These alterations of the reference sequence may occur at the amino or carboxy terminal positions of the reference amino acid sequence or anywhere between those terminal positions, interspersed either individually among residues in the reference sequence or in one or more contiguous groups within the reference sequence.

As a practical matter, whether any particular polypeptide is at least 80%, 85%, 90%, 95%, 96%, 97%, 98% or 99% identical to, for instance, the amino acid sequences shown in Table 1 or a fragment thereof, or to the amino acid sequence encoded by the cDNA contained in a deposited clone or a fragment thereof, can be determined conventionally using known computer programs. A preferred method for determining the best overall match between a query sequence (a sequence of the present invention) and a subject sequence, also referred to

as a global sequence alignment, can be determined using the FASTDB computer program based on the algorithm of Brutlag et al. (Comp. App. Biosci.6:237- 245(1990)). In a sequence alignment the query and subject sequences are either both nucleotide sequences or both amino acid sequences. The result of said global sequence alignment is in percent identity. Preferred parameters used in a FASTDB amino acid alignment are: Matrix=PAM 0, k-tuple=2, Mismatch Penalty=1, Joining Penalty=20, Randomization Group Length=0, Cutoff Score=1, Window Size=sequence length, Gap Penalty=5, Gap Size Penalty=0.05, Window Size=500 or the length of the subject amino acid sequence, whichever is shorter.

If the subject sequence is shorter than the query sequence due to N- or C-terminal deletions, not because of internal deletions, a manual correction must be made to the results. This is because the FASTDB program does not account for N- and C-terminal truncations of the subject sequence when calculating global percent identity. For subject sequences truncated at the N- and C-termini, relative to the query sequence, the percent identity is corrected by calculating the number of residues of the query sequence that are N- and C-terminal of the subject sequence, which are not matched/aligned with a corresponding subject residue, as a percent of the total bases of the query sequence. Whether a residue is matched/aligned is determined by results of the FASTDB sequence alignment. This percentage is then subtracted from the percent identity, calculated by the above FASTDB program using the specified parameters, to arrive at a final percent identity score. This final percent identity score is what is used for the purposes of the present invention. Only residues to the N- and C-termini of the subject sequence, which are not matched/aligned with the query sequence, are considered for the purposes of manually adjusting the percent identity score. That is, only query residue positions outside the farthest N- and C- terminal residues of the subject sequence.

For example, a 90 amino acid residue subject sequence is aligned with a 100 residue query sequence to determine percent identity. The deletion occurs at the N-terminus of the subject sequence and therefore, the FASTDB alignment does not show a matching/alignment of the first 10 residues at the N-terminus. The 10 unpaired residues represent 10% of the sequence (number of residues at the N- and C- termini not matched/total number of residues in the query sequence) so 10% is subtracted from the percent identity score calculated by the FASTDB program. If the remaining 90 residues were perfectly matched the final percent identity would be 90%. In another example, a 90 residue subject sequence is compared with

a 100 residue query sequence. This time the deletions are internal deletions so there are no residues at the N- or C-termini of the subject sequence which are not matched/aligned with the query. In this case the percent identity calculated by FASTDB is not manually corrected. Once again, only residue positions outside the N- and C-terminal ends of the subject
5 sequence, as displayed in the FASTDB alignment, which are not matched/aligned with the query sequence are manually corrected for. No other manual corrections are to be made for the purposes of the present invention.

The variants may contain alterations in the coding regions, non-coding regions, or both. Especially preferred are polynucleotide variants containing alterations which produce
10 silent substitutions, additions, or deletions, but do not alter the properties or activities of the encoded polypeptide. Nucleotide variants produced by silent substitutions due to the degeneracy of the genetic code are preferred. Moreover, variants in which less than 50, less than 40, less than 30, less than 20, less than 10, or 5-50, 5-25, 5-10, 1-5, or 1-2 amino acids are substituted, deleted, or added in any combination are also preferred. Polynucleotide
15 variants can be produced for a variety of reasons, e.g., to optimize codon expression for a particular host (change codons in the human mRNA to those preferred by a bacterial host such as *E. coli*).

Naturally occurring variants are called "allelic variants," and refer to one of several alternate forms of a gene occupying a given locus on a chromosome of an organism. (Genes
20 II, Lewin, B., ed., John Wiley & Sons, New York (1985).) These allelic variants can vary at either the polynucleotide and/or polypeptide level and are included in the present invention. Alternatively, non-naturally occurring variants may be produced by mutagenesis techniques or by direct synthesis.

Using known methods of protein engineering and recombinant DNA technology,
25 variants may be generated to improve or alter the characteristics of the polypeptides of the present invention. For instance, one or more amino acids can be deleted from the N-terminus or C-terminus of the colon cancer related polypeptides without substantial loss of biological function. The authors of Ron et al., *J. Biol. Chem.* 268: 2984-2988 (1993), reported variant KGF proteins having heparin binding activity even after deleting 3, 8, or 27 amino-terminal
30 amino acid residues. Similarly, Interferon gamma exhibited up to ten times higher activity after deleting 8-10 amino acid residues from the carboxy terminus of this protein. (Dobeli et al., *J. Biotechnology* 7:199-216 (1988).)

Moreover, ample evidence demonstrates that variants often retain a biological activity similar to that of the naturally occurring protein. For example, Gayle and coworkers (J. Biol. Chem 268:22105-22111 (1993)) conducted extensive mutational analysis of human cytokine IL-1a. They used random mutagenesis to generate over 3,500 individual IL-1a mutants that
5 averaged 2.5 amino acid changes per variant over the entire length of the molecule. Multiple mutations were examined at every possible amino acid position. The investigators found that "[m]ost of the molecule could be altered with little effect on either [binding or biological activity]." (See, Abstract.) In fact, only 23 unique amino acid sequences, out of more than 3,500 nucleotide sequences examined, produced a protein that significantly differed in
10 activity from wild-type.

Furthermore, even if deleting one or more amino acids from the N-terminus or C-terminus of a polypeptide results in modification or loss of one or more biological functions, other biological activities may still be retained. For example, the ability of a deletion variant to induce and/or to bind antibodies which recognize the secreted form will likely be retained
15 when less than the majority of the residues of the secreted form are removed from the N-terminus or C-terminus. Whether a particular polypeptide lacking N- or C-terminal residues of a protein retains such immunogenic activities can readily be determined by routine methods described herein and otherwise known in the art.

Thus, the invention further includes polypeptide variants which show substantial
20 biological activity. Such variants include deletions, insertions, inversions, repeats, and substitutions selected according to general rules known in the art so as have little effect on activity. The present application is directed to nucleic acid molecules at least 80%, 85%, 90%, 95%, 96%, 97%, 98% or 99% or 100% identical to the nucleic acid sequences disclosed herein, (e.g., encoding a polypeptide having the amino acid sequence of an N and/or C
25 terminal deletion), irrespective of whether they encode a polypeptide having functional activity. This is because even where a particular nucleic acid molecule does not encode a polypeptide having functional activity, one of skill in the art would still know how to use the nucleic acid molecule, for instance, as a hybridization probe or a polymerase chain reaction (PCR) primer. Uses of the nucleic acid molecules of the present invention that do not encode
30 a polypeptide having functional activity include, inter alia, (1) isolating a gene or allelic or splice variants thereof in a cDNA library; (2) in situ hybridization (e.g., "FISH") to metaphase chromosomal spreads to provide precise chromosomal location of the gene, as